

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071422\
 Data File : VX030074.D
 Acq On : 14 Jul 2022 20:28
 Operator : JC/MD
 Sample : N3214-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2022

Quant Time: Jul 15 06:43:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 15 06:39:43 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

07/15/2022
 Supervised By :Mahesh
 Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	162496	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	303617	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	266075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117418	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	107863	54.535	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.060%	
35) Dibromofluoromethane	5.391	113	94227	48.580	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.160%	
50) Toluene-d8	8.653	98	356653	48.891	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.780%	
62) 4-Bromofluorobenzene	11.085	95	116571	46.048	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.100%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	3857	2.237	ug/l	92
3) Chloromethane	1.288	50	3694	2.182	ug/l	100
4) Vinyl Chloride	1.374	62	4009	2.132	ug/l #	88
5) Bromomethane	1.611	94	2220	2.779	ug/l	92
6) Chloroethane	1.685	64	2645	2.497	ug/l #	87
7) Trichlorofluoromethane	1.886	101	5819	2.396	ug/l	91
8) Diethyl Ether	2.136	74	2442	2.430	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	4221	2.546	ug/l	98
10) Methyl Iodide	2.453	142	2887	2.118	ug/l	94
11) Tert butyl alcohol	2.989	59	6764	13.251	ug/l #	95
12) 1,1-Dichloroethene	2.325	96	4012	2.423	ug/l	92
13) Acrolein	2.245	56	583	5.734	ug/l	89
14) Allyl chloride	2.660	41	6865	2.373	ug/l	96
15) Acrylonitrile	3.075	53	17611	15.180	ug/l	96
16) Acetone	2.386	43	15715	16.862	ug/l	90
17) Carbon Disulfide	2.508	76	6879	1.652	ug/l #	93
18) Methyl Acetate	2.709	43	10058	3.547	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	14368	2.746	ug/l	97
20) Methylene Chloride	2.788	84	5475	2.539	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	4820	2.793	ug/l #	94
22) Diisopropyl ether	3.770	45	15841	2.797	ug/l #	89
23) Vinyl Acetate	3.727	43	60093	12.535	ug/l	99
24) 1,1-Dichloroethane	3.617	63	8455	2.694	ug/l #	94
25) 2-Butanone	4.574	43	23755	14.963	ug/l	93
26) 2,2-Dichloropropane	4.483	77	1676	0.760	ug/l	97
27) cis-1,2-Dichloroethene	4.501	96	5325	2.520	ug/l	89
28) Bromochloromethane	4.897	49	3906	2.959	ug/l #	92
29) Tetrahydrofuran	5.025	42	15712	14.583	ug/l	99
30) Chloroform	5.105	83	9290	2.971	ug/l	94
31) Cyclohexane	5.483	56	6515	2.272	ug/l #	83
32) 1,1,1-Trichloroethane	5.385	97	7451	2.915	ug/l	94
36) 1,1-Dichloropropene	5.702	75	6232	2.487	ug/l #	87
37) Ethyl Acetate	4.727	43	8615	2.676	ug/l	98
38) Carbon Tetrachloride	5.672	117	5762	2.466	ug/l #	70
39) Methylcyclohexane	7.385	83	6376	2.008	ug/l	92
40) Benzene	6.037	78	19825	2.514	ug/l	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071422\
 Data File : VX030074.D
 Acq On : 14 Jul 2022 20:28
 Operator : JC/MD
 Sample : N3214-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2022

Quant Time: Jul 15 06:43:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 15 06:39:43 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

07/15/2022
 Supervised By :Mahesh
 Dadoda

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	4802	2.770	ug/l	93
42) 1,2-Dichloroethane	6.086	62	6780	2.774	ug/l	84
43) Isopropyl Acetate	6.348	43	13207	2.728	ug/l	97
44) Trichloroethene	7.129	130	5776	2.507	ug/l	94
45) 1,2-Dichloropropane	7.434	63	5273	2.573	ug/l #	81
46) Dibromomethane	7.586	93	3493	2.476	ug/l	97
47) Bromodichloromethane	7.830	83	6104	2.385	ug/l	96
48) Methyl methacrylate	7.702	41	5891	2.637	ug/l	93
49) 1,4-Dioxane	7.696	88	3007	51.816	ug/l	92
51) 4-Methyl-2-Pentanone	8.580	43	43059	13.441	ug/l	98
52) Toluene	8.726	92	12067	2.410	ug/l	96
53) t-1,3-Dichloropropene	8.988	75	5149	1.936	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	5968	1.959	ug/l	97
55) 1,1,2-Trichloroethane	9.159	97	5643	2.733	ug/l	94
56) Ethyl methacrylate	9.122	69	7039	2.267	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	8138	2.481	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.250	63	18451	10.945	ug/l	97
59) 2-Hexanone	9.433	43	31498	12.822	ug/l	99
60) Dibromochloromethane	9.525	129	4793	2.383	ug/l	100
61) 1,2-Dibromoethane	9.616	107	5188	2.414	ug/l	99
64) Tetrachloroethene	9.275	164	6603	3.091	ug/l	97
65) Chlorobenzene	10.086	112	13064	2.466	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	4364	2.416	ug/l	97
67) Ethyl Benzene	10.195	91	22207	2.473	ug/l	98
68) m/p-Xylenes	10.305	106	16468	4.676	ug/l	98
69) o-Xylene	10.646	106	8176	2.318	ug/l	97
70) Styrene	10.659	104	13622	2.327	ug/l	98
71) Bromoform	10.805	173	3295	2.271	ug/l #	95
73) Isopropylbenzene	10.963	105	20028	2.450	ug/l	96
74) N-amyl acetate	10.848	43	8440	2.350	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	8557	2.901	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	7378m	2.733	ug/l	
77) Bromobenzene	11.201	156	5346	2.613	ug/l	93
78) n-propylbenzene	11.305	91	23459	2.419	ug/l	100
79) 2-Chlorotoluene	11.366	91	15275	2.629	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	16979	2.465	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	1409m	1.506	ug/l	
82) 4-Chlorotoluene	11.457	91	16166	2.484	ug/l	98
83) tert-Butylbenzene	11.719	119	16168	2.447	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	16378	2.404	ug/l	99
85) sec-Butylbenzene	11.890	105	19888	2.277	ug/l	100
86) p-Isopropyltoluene	12.012	119	15754	2.248	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	9517	2.518	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	10170	2.622	ug/l	91
89) n-Butylbenzene	12.335	91	13604	2.167	ug/l	97
90) Hexachloroethane	12.542	117	2669	2.228	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	10121	2.636	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1911	2.837	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	5559	2.357	ug/l	95
94) Hexachlorobutadiene	13.731	225	2223	2.361	ug/l	96
95) Naphthalene	13.780	128	20089	2.146	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	5609	2.337	ug/l	96

07/15/2022

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071422\
Data File : VX030074.D
Acq On : 14 Jul 2022 20:28
Operator : JC/MD
Sample : N3214-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jul 15 06:43:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 15 06:39:43 2022
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2022

Manual Integrations
APPROVED

Reviewed By :John
Carlone

07/15/2022
Supervised By :Mahesh
Dadoda

07/15/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071422\
Data File : VX030074.D
Acq On : 14 Jul 2022 20:28
Operator : JC/MD
Sample : N3214-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2022

Quant Time: Jul 15 06:43:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 15 06:39:43 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :John
Carlone

07/15/2022
Supervised By :Mahesh
Dadoda

07/15/2022

