

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120922\
 Data File : VX033342.D
 Acq On : 09 Dec 2022 13:08
 Operator : JC/MD
 Sample : VX1209WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/09/2022
 Supervised By : Mahesh Dadoda 12/12/2022

Quant Time: Dec 09 14:42:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	165051	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	255371	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	227986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115213	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	47775	45.119	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.240%		
35) Dibromofluoromethane	5.385	113	54231	47.215	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.420%		
50) Toluene-d8	8.647	98	116418	48.450	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.900%		
62) 4-Bromofluorobenzene	11.079	95	93008	50.624	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.240%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	22616	19.616	ug/l	97
3) Chloromethane	1.295	50	22293	16.723	ug/l	96
4) Vinyl Chloride	1.374	62	25358	16.660	ug/l	96
5) Bromomethane	1.618	94	18742	16.778	ug/l	94
6) Chloroethane	1.691	64	18000	15.591	ug/l	98
7) Trichlorofluoromethane	1.886	101	38931	13.623	ug/l	99
8) Diethyl Ether	2.136	74	12507	12.117	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	29152	19.231	ug/l	99
10) Methyl Iodide	2.453	142	26251	15.812	ug/l	98
11) Tert butyl alcohol	3.008	59	30811m	95.176	ug/l	
12) 1,1-Dichloroethene	2.319	96	26863	17.953	ug/l	98
13) Acrolein	2.239	56	31336	89.251	ug/l	100
14) Allyl chloride	2.666	41	41707	17.454	ug/l	93
15) Acrylonitrile	3.069	53	67180	83.774	ug/l	99
16) Acetone	2.398	43	68851	87.873	ug/l	97
17) Carbon Disulfide	2.514	76	62701	16.327	ug/l	97
18) Methyl Acetate	2.709	43	38465	16.958	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	94521	18.236	ug/l	97
20) Methylene Chloride	2.788	84	30764	17.606	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	29174	17.824	ug/l	99
22) Diisopropyl ether	3.757	45	89473	17.477	ug/l	89
23) Vinyl Acetate	3.721	43	342754	86.255	ug/l	97
24) 1,1-Dichloroethane	3.611	63	52421	17.426	ug/l	99
25) 2-Butanone	4.562	43	95045	84.508	ug/l	100
26) 2,2-Dichloropropane	4.477	77	40961	18.516	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	34865	17.823	ug/l	96
28) Bromochloromethane	4.898	49	23402	18.585	ug/l	93
29) Tetrahydrofuran	5.013	42	59546	81.717	ug/l	97
30) Chloroform	5.093	83	59047	17.681	ug/l	100
31) Cyclohexane	5.477	56	45157	17.945	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	51861	18.049	ug/l	99
36) 1,1-Dichloropropene	5.690	75	42428	18.946	ug/l	99
37) Ethyl Acetate	4.715	43	36437	17.213	ug/l	99
38) Carbon Tetrachloride	5.678	117	46022	18.342	ug/l	98
39) Methylcyclohexane	7.379	83	49612	19.793	ug/l	97
40) Benzene	6.038	78	119304	18.272	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120922\
 Data File : VX033342.D
 Acq On : 09 Dec 2022 13:08
 Operator : JC/MD
 Sample : VX1209WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1209WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/09/2022
 Supervised By : Mahesh Dadoda 12/12/2022

Quant Time: Dec 09 14:42:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	20748	17.787	ug/l	95
42) 1,2-Dichloroethane	6.086	62	47691	18.394	ug/l	97
43) Isopropyl Acetate	6.342	43	60439	17.745	ug/l	98
44) Trichloroethene	7.123	130	34442	19.132	ug/l	99
45) 1,2-Dichloropropane	7.428	63	30327	18.162	ug/l	98
46) Dibromomethane	7.580	93	23049	18.119	ug/l	98
47) Bromodichloromethane	7.818	83	44095	17.783	ug/l	97
48) Methyl methacrylate	7.696	41	30997	17.633	ug/l	92
49) 1,4-Dioxane	7.708	88	15033	375.026	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	190194	88.300	ug/l	96
52) Toluene	8.720	92	78344	18.558	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	43324	17.955	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	48347	18.323	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	32542	18.338	ug/l	97
56) Ethyl methacrylate	9.116	69	45392	18.167	ug/l	93
57) 1,3-Dichloropropane	9.305	76	52553	18.435	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	99149	86.727	ug/l	97
59) 2-Hexanone	9.433	43	143473	90.388	ug/l	95
60) Dibromochloromethane	9.519	129	34619	17.706	ug/l	100
61) 1,2-Dibromoethane	9.610	107	35056	18.572	ug/l	99
64) Tetrachloroethene	9.275	164	31027	19.903	ug/l	94
65) Chlorobenzene	10.080	112	87554	18.964	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	32844	18.825	ug/l	99
67) Ethyl Benzene	10.195	91	155942	19.388	ug/l	99
68) m/p-Xylenes	10.299	106	122081	39.012	ug/l	97
69) o-Xylene	10.640	106	59842	19.347	ug/l	97
70) Styrene	10.653	104	97167	19.181	ug/l	98
71) Bromoform	10.799	173	24654	17.852	ug/l #	98
73) Isopropylbenzene	10.964	105	156881	18.786	ug/l	100
74) N-amyl acetate	10.842	43	51570	18.100	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	48007	18.121	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	38523m	16.435	ug/l	
77) Bromobenzene	11.201	156	38555	18.284	ug/l	99
78) n-propylbenzene	11.305	91	178533	19.147	ug/l	100
79) 2-Chlorotoluene	11.366	91	107655	18.682	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	131552	18.925	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	11907	15.801	ug/l	99
82) 4-Chlorotoluene	11.457	91	123963	18.500	ug/l	99
83) tert-Butylbenzene	11.713	119	129325	18.657	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	132698	19.124	ug/l	100
85) sec-Butylbenzene	11.890	105	158941	19.653	ug/l	100
86) p-Isopropyltoluene	12.012	119	133694	19.174	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	71201	18.640	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	73797	18.914	ug/l	99
89) n-Butylbenzene	12.335	91	112176	19.643	ug/l	99
90) Hexachloroethane	12.536	117	20431	17.238	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	70816	18.543	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9504	16.608	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	43084	18.680	ug/l	99
94) Hexachlorobutadiene	13.725	225	18408	19.931	ug/l	99
95) Naphthalene	13.774	128	146474	19.039	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	43713	18.713	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120922\
Data File : VX033342.D
Acq On : 09 Dec 2022 13:08
Operator : JC/MD
Sample : VX1209WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1209WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/09/2022
Supervised By :Mahesh Dadoda 12/12/2022

Quant Time: Dec 09 14:42:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 07 12:43:54 2022
Response via : Initial Calibration

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

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

