

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091422\
 Data File : VX031335.D
 Acq On : 15 Sep 2022 02:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/15/2022
 Supervised By : Mahesh Dadoda 09/15/2022

Quant Time: Sep 15 06:10:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:50:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	36809	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	64971	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	77581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59042	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	50850	56.282	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.560%			
35) Dibromofluoromethane	5.391	113	36726	52.587	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.180%			
50) Toluene-d8	8.653	98	151567	57.855	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 115.720%#			
62) 4-Bromofluorobenzene	11.079	95	59634	62.162	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 124.320%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	20509	51.602	ug/l	98
3) Chloromethane	1.288	50	35393	65.445	ug/l	96
4) Vinyl Chloride	1.374	62	40388	62.799	ug/l	96
5) Bromomethane	1.611	94	31402	65.109	ug/l	99
6) Chloroethane	1.684	64	37269	73.009	ug/l	99
7) Trichlorofluoromethane	1.886	101	77468	65.711	ug/l	99
8) Diethyl Ether	2.136	74	30231	65.548	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	29669	53.219	ug/l	98
10) Methyl Iodide	2.453	142	32524	54.592	ug/l	100
11) Tert butyl alcohol	2.995	59	48630m	258.800	ug/l	
12) 1,1-Dichloroethene	2.319	96	28619	55.688	ug/l	97
13) Acrolein	2.239	56	22421	215.047	ug/l	98
14) Allyl chloride	2.666	41	55955	49.286	ug/l	97
15) Acrylonitrile	3.068	53	109148	261.927	ug/l	100
16) Acetone	2.392	43	98217	254.644	ug/l	99
17) Carbon Disulfide	2.514	76	71036	57.628	ug/l	99
18) Methyl Acetate	2.709	43	58490	51.139	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	122579	51.506	ug/l	98
20) Methylene Chloride	2.788	84	35475	59.082	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	31978	55.529	ug/l	90
22) Diisopropyl ether	3.763	45	138113	58.135	ug/l	96
23) Vinyl Acetate	3.727	43	594534	301.124	ug/l	98
24) 1,1-Dichloroethane	3.611	63	67771	54.356	ug/l	98
25) 2-Butanone	4.562	43	163606	257.161	ug/l	95
26) 2,2-Dichloropropane	4.477	77	40469	34.212	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	39041	51.575	ug/l	98
28) Bromochloromethane	4.903	49	31722	54.585	ug/l	92
29) Tetrahydrofuran	5.013	42	107614	273.080	ug/l	96
30) Chloroform	5.098	83	71568	54.206	ug/l	100
31) Cyclohexane	5.476	56	58532	60.301	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	62388	52.736	ug/l	97
36) 1,1-Dichloropropene	5.696	75	50447	52.774	ug/l	97
37) Ethyl Acetate	4.721	43	65783	52.367	ug/l	97
38) Carbon Tetrachloride	5.678	117	52492	50.518	ug/l	98
39) Methylcyclohexane	7.385	83	57699	54.809	ug/l	96
40) Benzene	6.037	78	151144	55.062	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091422\
 Data File : VX031335.D
 Acq On : 15 Sep 2022 02:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/15/2022
 Supervised By : Mahesh Dadoda 09/15/2022

Quant Time: Sep 15 06:10:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:50:07 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	35211	51.742	ug/l	95
42) 1,2-Dichloroethane	6.092	62	62356	56.317	ug/l	97
43) Isopropyl Acetate	6.342	43	110413	51.493	ug/l	98
44) Trichloroethene	7.129	130	35446	50.647	ug/l	99
45) 1,2-Dichloropropane	7.433	63	39935	53.141	ug/l	96
46) Dibromomethane	7.586	93	27833	52.226	ug/l	98
47) Bromodichloromethane	7.824	83	57363	51.750	ug/l	100
48) Methyl methacrylate	7.696	41	50551	51.788	ug/l	97
49) 1,4-Dioxane	7.696	88	17295	883.497	ug/l	96
51) 4-Methyl-2-Pentanone	8.573	43	360516	276.606	ug/l	98
52) Toluene	8.720	92	103746	59.747	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	64521	51.724	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	62650	48.872	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	40503	52.840	ug/l	98
56) Ethyl methacrylate	9.116	69	69701	56.171	ug/l	94
57) 1,3-Dichloropropane	9.311	76	71633	54.386	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	145754	252.103	ug/l	97
59) 2-Hexanone	9.433	43	274895	276.343	ug/l	99
60) Dibromochloromethane	9.525	129	45781	55.400	ug/l	97
61) 1,2-Dibromoethane	9.610	107	45494	57.842	ug/l	98
64) Tetrachloroethene	9.275	164	32952	46.455	ug/l	98
65) Chlorobenzene	10.079	112	106460	51.812	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	40425	49.935	ug/l	98
67) Ethyl Benzene	10.195	91	202923	54.525	ug/l	99
68) m/p-Xylenes	10.305	106	161676	114.408	ug/l	99
69) o-Xylene	10.646	106	77490	53.988	ug/l	98
70) Styrene	10.658	104	132338	56.699	ug/l	99
71) Bromoform	10.805	173	32670	50.692	ug/l #	99
73) Isopropylbenzene	10.963	105	208523	47.816	ug/l	98
74) N-amyl acetate	10.841	43	104603	48.249	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	71935	45.900	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	67287m	45.224	ug/l	
77) Bromobenzene	11.201	156	46384	46.648	ug/l	92
78) n-propylbenzene	11.305	91	248857	48.625	ug/l	98
79) 2-Chlorotoluene	11.366	91	149811	47.840	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	182554	49.965	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	20945	38.952	ug/l	95
82) 4-Chlorotoluene	11.457	91	177328	49.404	ug/l	97
83) tert-Butylbenzene	11.719	119	177481	48.553	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	179932	49.550	ug/l	99
85) sec-Butylbenzene	11.890	105	225223	49.205	ug/l	100
86) p-Isopropyltoluene	12.012	119	191234	51.270	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	94222	49.702	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	98650	50.631	ug/l	99
89) n-Butylbenzene	12.335	91	168219	50.859	ug/l	99
90) Hexachloroethane	12.542	117	35537	47.709	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	95352	49.403	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17232	47.878	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	48668	46.567	ug/l	97
94) Hexachlorobutadiene	13.725	225	17114	41.950	ug/l	98
95) Naphthalene	13.774	128	195062	45.939	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	49784	44.482	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091422\
Data File : VX031335.D
Acq On : 15 Sep 2022 02:53
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By : John Carlone 09/15/2022
Supervised By : Mahesh Dadoda 09/15/2022

Quant Time: Sep 15 06:10:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 15 01:50:07 2022
Response via : Initial Calibration

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

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

