

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100422\
 Data File : VX031862.D
 Acq On : 04 Oct 2022 10:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/05/2022
 Supervised By : Mahesh Dadoda 10/05/2022

Quant Time: Oct 05 06:17:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100322W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 06:59:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	119440	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	163477	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	180079	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	142077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89299	41.732	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	83.460%		
35) Dibromofluoromethane	5.385	113	94620	48.716	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.440%		
50) Toluene-d8	8.647	98	338708	48.748	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.500%		
62) 4-Bromofluorobenzene	11.079	95	125624	50.207	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.420%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	82703	53.561	ug/l	98
3) Chloromethane	1.288	50	64733	39.991	ug/l	100
4) Vinyl Chloride	1.374	62	86825	42.109	ug/l	98
5) Bromomethane	1.611	94	65397	49.217	ug/l	97
6) Chloroethane	1.685	64	82491	46.796	ug/l	98
7) Trichlorofluoromethane	1.886	101	175019	41.593	ug/l	97
8) Diethyl Ether	2.130	74	55659	49.687	ug/l	73
9) 1,1,2-Trichlorotrifluo...	2.325	101	89878	49.444	ug/l #	84
10) Methyl Iodide	2.453	142	88479	51.852	ug/l	97
11) Tert butyl alcohol	3.007	59	69336	232.739	ug/l #	86
12) 1,1-Dichloroethene	2.319	96	81427	48.784	ug/l #	77
13) Acrolein	2.239	56	38314	217.226	ug/l	99
14) Allyl chloride	2.660	41	93218	43.752	ug/l #	91
15) Acrylonitrile	3.062	53	173570	223.046	ug/l	97
16) Acetone	2.392	43	122671	246.960	ug/l	91
17) Carbon Disulfide	2.508	76	193440	50.214	ug/l	98
18) Methyl Acetate	2.703	43	90244	45.085	ug/l #	82
19) Methyl tert-butyl Ether	3.111	73	258280	47.531	ug/l	94
20) Methylene Chloride	2.788	84	87317	46.644	ug/l #	76
21) trans-1,2-Dichloroethene	3.087	96	93532	47.799	ug/l #	82
22) Diisopropyl ether	3.757	45	201259	44.549	ug/l #	92
23) Vinyl Acetate	3.721	43	798192	236.195	ug/l #	86
24) 1,1-Dichloroethane	3.605	63	135961	44.781	ug/l	95
25) 2-Butanone	4.562	43	209957	213.831	ug/l #	80
26) 2,2-Dichloropropane	4.471	77	120951	46.663	ug/l	93
27) cis-1,2-Dichloroethene	4.483	96	109565	48.156	ug/l	77
28) Bromochloromethane	4.891	49	51904	42.300	ug/l #	37
29) Tetrahydrofuran	5.007	42	135610	223.685	ug/l #	74
30) Chloroform	5.086	83	166844	45.936	ug/l	97
31) Cyclohexane	5.464	56	115954	45.499	ug/l #	78
32) 1,1,1-Trichloroethane	5.379	97	156909	45.524	ug/l #	93
36) 1,1-Dichloropropene	5.690	75	120108	49.872	ug/l	92
37) Ethyl Acetate	4.715	43	87129	47.794	ug/l #	92
38) Carbon Tetrachloride	5.672	117	149519	50.011	ug/l	97
39) Methylcyclohexane	7.379	83	156784	53.066	ug/l #	85
40) Benzene	6.037	78	350011	50.308	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	45015	45.441	ug/l #	82
42) 1,2-Dichloroethane	6.080	62	115465	47.373	ug/l	91
43) Isopropyl Acetate	6.336	43	143185	48.577	ug/l #	88
44) Trichloroethene	7.123	130	121987	54.272	ug/l	83
45) 1,2-Dichloropropane	7.427	63	78388	48.093	ug/l	99
46) Dibromomethane	7.580	93	70092	51.592	ug/l #	81
47) Bromodichloromethane	7.818	83	130166	47.873	ug/l	98
48) Methyl methacrylate	7.690	41	66871	50.697	ug/l #	79
49) 1,4-Dioxane	7.702	88	44037	1030.052	ug/l #	80
51) 4-Methyl-2-Pentanone	8.574	43	442988	239.420	ug/l	88
52) Toluene	8.714	92	249096	51.070	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	129342	49.887	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	142395	50.120	ug/l #	84
55) 1,1,2-Trichloroethane	9.153	97	100938	51.920	ug/l	93
56) Ethyl methacrylate	9.116	69	129085	57.425	ug/l #	80
57) 1,3-Dichloropropane	9.305	76	150580	49.875	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	299939	258.937	ug/l #	79
59) 2-Hexanone	9.433	43	341841	254.136	ug/l	87
60) Dibromochloromethane	9.519	129	121470	51.468	ug/l	99
61) 1,2-Dibromoethane	9.610	107	110729	51.293	ug/l	97
64) Tetrachloroethene	9.275	164	129675	57.599	ug/l	92
65) Chlorobenzene	10.079	112	291911	53.461	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	111690	53.143	ug/l	97
67) Ethyl Benzene	10.195	91	473473	52.678	ug/l	95
68) m/p-Xylenes	10.299	106	403982	108.871	ug/l	89
69) o-Xylene	10.640	106	196917	55.084	ug/l	89
70) Styrene	10.652	104	321989	55.414	ug/l	94
71) Bromoform	10.799	173	94947	53.721	ug/l #	100
73) Isopropylbenzene	10.963	105	511493	50.968	ug/l	98
74) N-amyl acetate	10.841	43	123788	52.666	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	11.213	83	137289	48.061	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	118164m	45.712	ug/l	
77) Bromobenzene	11.201	156	140909	53.235	ug/l	79
78) n-propylbenzene	11.305	91	557864	50.859	ug/l	93
79) 2-Chlorotoluene	11.366	91	327142	49.360	ug/l	90
80) 1,3,5-Trimethylbenzene	11.451	105	434623	51.863	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	37247	49.465	ug/l	93
82) 4-Chlorotoluene	11.457	91	379342	49.587	ug/l	90
83) tert-Butylbenzene	11.713	119	439900	51.934	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	435432	52.207	ug/l	95
85) sec-Butylbenzene	11.890	105	532452	52.217	ug/l	95
86) p-Isopropyltoluene	12.012	119	484076	54.397	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	271959	54.453	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	274974	52.714	ug/l	96
89) n-Butylbenzene	12.335	91	370481	52.707	ug/l	96
90) Hexachloroethane	12.542	117	76786	47.832	ug/l	79
91) 1,2-Dichlorobenzene	12.335	146	267094	53.400	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	28463	47.383	ug/l #	50
93) 1,2,4-Trichlorobenzene	13.591	180	185211	60.502	ug/l	98
94) Hexachlorobutadiene	13.725	225	77939	61.874	ug/l	98
95) Naphthalene	13.774	128	545045	57.159	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	180850	60.924	ug/l	98

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

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