

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110822\
 Data File : VX032642.D
 Acq On : 08 Nov 2022 10:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/09/2022
 Supervised By : Mahesh Dadoda 11/09/2022

Quant Time: Nov 09 04:33:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	111751	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	172460	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	157457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85387	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	77922	50.183	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.360%			
35) Dibromofluoromethane	5.385	113	63218	51.389	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.780%			
50) Toluene-d8	8.647	98	214645	50.179	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.360%			
62) 4-Bromofluorobenzene	11.079	95	88903	53.206	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.420%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	61848	47.986	ug/l	100
3) Chloromethane	1.294	50	49455	45.371	ug/l	97
4) Vinyl Chloride	1.374	62	56642	47.217	ug/l	99
5) Bromomethane	1.611	94	48764	50.867	ug/l	98
6) Chloroethane	1.684	64	50309	62.513	ug/l	98
7) Trichlorofluoromethane	1.886	101	113806	50.068	ug/l	98
8) Diethyl Ether	2.130	74	36490	49.539	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	60768	50.653	ug/l	100
10) Methyl Iodide	2.453	142	61254	46.061	ug/l	100
11) Tert butyl alcohol	2.983	59	45383	200.808	ug/l	99
12) 1,1-Dichloroethene	2.319	96	53950	48.139	ug/l	96
13) Acrolein	2.233	56	55243	244.852	ug/l	99
14) Allyl chloride	2.660	41	90212	50.497	ug/l	99
15) Acrylonitrile	3.062	53	140164	228.521	ug/l	99
16) Acetone	2.386	43	145864	258.462	ug/l	99
17) Carbon Disulfide	2.514	76	118756	44.488	ug/l	99
18) Methyl Acetate	2.703	43	92782	50.557	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	202369	51.376	ug/l	100
20) Methylene Chloride	2.788	84	61813	47.770	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	58601	48.038	ug/l	95
22) Diisopropyl ether	3.757	45	200935	51.999	ug/l	95
23) Vinyl Acetate	3.721	43	785362	251.561	ug/l	99
24) 1,1-Dichloroethane	3.611	63	112883	50.787	ug/l	99
25) 2-Butanone	4.556	43	207606	237.442	ug/l	99
26) 2,2-Dichloropropane	4.477	77	99397	56.257	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	70929	50.302	ug/l	96
28) Bromochloromethane	4.897	49	37190	46.974	ug/l	99
29) Tetrahydrofuran	5.007	42	126774	227.383	ug/l	100
30) Chloroform	5.092	83	127593	52.315	ug/l	98
31) Cyclohexane	5.470	56	92892	49.340	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	116461	53.212	ug/l	99
36) 1,1-Dichloropropene	5.690	75	87063	50.823	ug/l	99
37) Ethyl Acetate	4.708	43	81624	45.775	ug/l	99
38) Carbon Tetrachloride	5.678	117	101349	53.341	ug/l	96
39) Methylcyclohexane	7.379	83	101779	50.216	ug/l	99
40) Benzene	6.037	78	248744	51.312	ug/l	99

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41) Methacrylonitrile	4.922	41	46817	51.539	ug/l	98
42) 1,2-Dichloroethane	6.086	62	105284	53.130	ug/l	99
43) Isopropyl Acetate	6.336	43	139639	51.003	ug/l	99
44) Trichloroethene	7.123	130	70234	51.466	ug/l	99
45) 1,2-Dichloropropane	7.427	63	65292	52.468	ug/l	98
46) Dibromomethane	7.580	93	48979	51.322	ug/l	99
47) Bromodichloromethane	7.818	83	97480	53.893	ug/l	98
48) Methyl methacrylate	7.689	41	70091	49.569	ug/l	99
49) 1,4-Dioxane	7.683	88	23003	853.626	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	419036	242.987	ug/l	100
52) Toluene	8.720	92	165178	52.225	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	104187	56.455	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	109320	55.383	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	69120	51.892	ug/l	98
56) Ethyl methacrylate	9.116	69	102012	53.220	ug/l	99
57) 1,3-Dichloropropane	9.305	76	111685	51.922	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	242633	262.883	ug/l	99
59) 2-Hexanone	9.427	43	318872	249.194	ug/l	100
60) Dibromochloromethane	9.518	129	78452	53.924	ug/l	99
61) 1,2-Dibromoethane	9.610	107	74055	52.471	ug/l	98
64) Tetrachloroethene	9.275	164	59734	51.831	ug/l	97
65) Chlorobenzene	10.079	112	183215	51.945	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	72286	54.454	ug/l	99
67) Ethyl Benzene	10.195	91	336293	53.318	ug/l	100
68) m/p-Xylenes	10.299	106	259913	106.123	ug/l	98
69) o-Xylene	10.640	106	127877	53.701	ug/l	100
70) Styrene	10.652	104	216083	54.601	ug/l	100
71) Bromoform	10.799	173	56908	54.221	ug/l #	100
73) Isopropylbenzene	10.963	105	347429	51.348	ug/l	100
74) N-amyl acetate	10.841	43	132149	51.690	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	104303	48.025	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	83824m	44.126	ug/l	
77) Bromobenzene	11.195	156	83297	50.215	ug/l	98
78) n-propylbenzene	11.305	91	407836	52.316	ug/l	100
79) 2-Chlorotoluene	11.366	91	239924	51.391	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	304712	52.693	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	30403	50.927	ug/l	99
82) 4-Chlorotoluene	11.451	91	285688	52.296	ug/l	100
83) tert-Butylbenzene	11.713	119	296772	51.403	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	299048	51.994	ug/l	99
85) sec-Butylbenzene	11.890	105	364502	52.469	ug/l	100
86) p-Isopropyltoluene	12.006	119	313652	53.209	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	160874	51.413	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	165102	50.860	ug/l	99
89) n-Butylbenzene	12.335	91	273401	53.313	ug/l	100
90) Hexachloroethane	12.536	117	51591	53.582	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	160558	52.039	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21991	46.181	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	101135	50.272	ug/l	98
94) Hexachlorobutadiene	13.725	225	42249	50.285	ug/l	98
95) Naphthalene	13.774	128	322429	48.100	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	100394	49.093	ug/l	100

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

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