

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040422\
 Data File : VX027947.D
 Acq On : 04 Apr 2022 10:09
 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 04/05/2022
 Supervised By : Mahesh Dadoda 04/05/2022

Quant Time: Apr 05 05:41:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	73104	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	112152	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	100230	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	51849	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	42943	45.527	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.060%		
35) Dibromofluoromethane	5.379	113	36512	50.437	ug/l	-0.01
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.880%		
50) Toluene-d8	8.647	98	123507	48.490	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.980%		
62) 4-Bromofluorobenzene	11.079	95	52417	48.426	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.860%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	31424	47.438	ug/l	96
3) Chloromethane	1.294	50	23702	40.491	ug/l	98
4) Vinyl Chloride	1.374	62	25430	42.359	ug/l	99
5) Bromomethane	1.599	94	11329	41.851	ug/l	97
6) Chloroethane	1.685	64	16574	40.955	ug/l	95
7) Trichlorofluoromethane	1.886	101	49921	47.403	ug/l	99
8) Diethyl Ether	2.130	74	17906	47.368	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.331	101	32323	47.220	ug/l	96
10) Methyl Iodide	2.453	142	27012	33.980	ug/l	90
11) Tert butyl alcohol	2.959	59	38289	211.326	ug/l	99
12) 1,1-Dichloroethene	2.319	96	26710	42.528	ug/l	95
13) Acrolein	2.233	56	31779	234.184	ug/l	96
14) Allyl chloride	2.666	41	52834	45.819	ug/l #	90
15) Acrylonitrile	3.056	53	99430	233.713	ug/l	99
16) Acetone	2.374	43	101933	244.183	ug/l #	87
17) Carbon Disulfide	2.514	76	52069	40.527	ug/l	99
18) Methyl Acetate	2.697	43	43765	42.529	ug/l	90
19) Methyl tert-butyl Ether	3.111	73	116256	48.584	ug/l	98
20) Methylene Chloride	2.788	84	32316	43.038	ug/l #	88
21) trans-1,2-Dichloroethene	3.093	96	28295	41.507	ug/l	92
22) Diisopropyl ether	3.757	45	114157	49.399	ug/l #	86
23) Vinyl Acetate	3.721	43	480182	240.506	ug/l #	91
24) 1,1-Dichloroethane	3.605	63	61834	47.562	ug/l	97
25) 2-Butanone	4.550	43	144676	238.183	ug/l	93
26) 2,2-Dichloropropane	4.477	77	56587	54.497	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	37452	45.561	ug/l	92
28) Bromochloromethane	4.897	49	27044	48.362	ug/l	87
29) Tetrahydrofuran	4.995	42	88024	225.601	ug/l	87
30) Chloroform	5.086	83	70322	48.658	ug/l	98
31) Cyclohexane	5.471	56	43771	41.980	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	60467	48.368	ug/l	99
36) 1,1-Dichloropropene	5.690	75	42644	46.771	ug/l	99
37) Ethyl Acetate	4.708	43	52735	46.655	ug/l	96
38) Carbon Tetrachloride	5.678	117	55328	54.925	ug/l	96
39) Methylcyclohexane	7.379	83	49700	46.322	ug/l	95
40) Benzene	6.038	78	129040	46.701	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	30105	50.073	ug/l	90
42) 1,2-Dichloroethane	6.080	62	50001	45.287	ug/l	97
43) Isopropyl Acetate	6.336	43	76674	42.351	ug/l	96
44) Trichloroethene	7.123	130	36800	49.008	ug/l	93
45) 1,2-Dichloropropane	7.428	63	35939	48.416	ug/l	96
46) Dibromomethane	7.580	93	27037	48.396	ug/l	93
47) Bromodichloromethane	7.824	83	57256	51.459	ug/l	99
48) Methyl methacrylate	7.690	41	40083	42.216	ug/l	87
49) 1,4-Dioxane	7.659	88	15415	822.455	ug/l #	94
51) 4-Methyl-2-Pentanone	8.574	43	279574	222.606	ug/l	91
52) Toluene	8.720	92	82885	47.623	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	58685	52.627	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	61120	52.051	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	37696	48.832	ug/l	93
56) Ethyl methacrylate	9.116	69	58367	47.740	ug/l #	81
57) 1,3-Dichloropropane	9.305	76	62078	47.786	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	147931	242.356	ug/l	99
59) 2-Hexanone	9.433	43	220092	227.595	ug/l	86
60) Dibromochloromethane	9.525	129	45248	56.531	ug/l	97
61) 1,2-Dibromoethane	9.610	107	38904	48.231	ug/l	98
64) Tetrachloroethene	9.275	164	32476	47.788	ug/l	91
65) Chlorobenzene	10.079	112	94274	47.763	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	38488	51.964	ug/l	99
67) Ethyl Benzene	10.195	91	173059	48.317	ug/l	100
68) m/p-Xylenes	10.305	106	127189	96.550	ug/l	89
69) o-Xylene	10.640	106	63824	49.603	ug/l	89
70) Styrene	10.659	104	110502	50.528	ug/l	94
71) Bromoform	10.799	173	34463	57.681	ug/l #	100
73) Isopropylbenzene	10.963	105	176324	45.674	ug/l	98
74) N-amyl acetate	10.842	43	73757	42.416	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.213	83	61515	46.926	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	58338m	47.964	ug/l	
77) Bromobenzene	11.201	156	41497	47.148	ug/l	90
78) n-propylbenzene	11.305	91	210542	45.650	ug/l	99
79) 2-Chlorotoluene	11.366	91	129029	44.517	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	154492	46.120	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	20081	49.662	ug/l	88
82) 4-Chlorotoluene	11.457	91	151964	45.688	ug/l	97
83) tert-Butylbenzene	11.719	119	150011	46.311	ug/l	89
84) 1,2,4-Trimethylbenzene	11.756	105	155084	46.431	ug/l	96
85) sec-Butylbenzene	11.890	105	191770	47.973	ug/l	99
86) p-Isopropyltoluene	12.012	119	158637	47.710	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	82230	47.463	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	82515	46.232	ug/l	97
89) n-Butylbenzene	12.335	91	148010	49.505	ug/l	96
90) Hexachloroethane	12.542	117	31009	58.072	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	81180	47.436	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15095	47.833	ug/l	82
93) 1,2,4-Trichlorobenzene	13.591	180	51435	49.146	ug/l	97
94) Hexachlorobutadiene	13.725	225	24184	52.260	ug/l	92
95) Naphthalene	13.774	128	175504	48.029	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	51160	49.899	ug/l	96

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

