

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090322\
 Data File : VX031104.D
 Acq On : 03 Sep 2022 23:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 06 00:20:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/06/2022
 Supervised By : Mahesh Dadoda 09/07/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	178473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	291417	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	266959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132290	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	116656	50.800	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.600%			
35) Dibromofluoromethane	5.391	113	109774	51.618	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.240%			
50) Toluene-d8	8.653	98	379298	48.461	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.920%			
62) 4-Bromofluorobenzene	11.079	95	135856	49.144	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.280%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	73604	40.080	ug/l	97
3) Chloromethane	1.288	50	64311	41.941	ug/l	98
4) Vinyl Chloride	1.374	62	77312	40.302	ug/l	94
5) Bromomethane	1.611	94	53122	61.942	ug/l	99
6) Chloroethane	1.685	64	35959	31.610	ug/l	98
7) Trichlorofluoromethane	1.886	101	153746	47.431	ug/l	93
8) Diethyl Ether	2.136	74	51341	45.414	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.331	101	92639	43.147	ug/l	91
10) Methyl Iodide	2.453	142	150301	71.032	ug/l	96
11) Tert butyl alcohol	2.995	59	127684	277.548	ug/l	99
12) 1,1-Dichloroethene	2.319	96	94428	45.543	ug/l	94
13) Acrolein	2.239	56	80689	192.014	ug/l	99
14) Allyl chloride	2.666	41	104945	38.113	ug/l #	85
15) Acrylonitrile	3.068	53	254771	236.632	ug/l	97
16) Acetone	2.392	43	218056	245.968	ug/l	98
17) Carbon Disulfide	2.514	76	227704	42.288	ug/l	99
18) Methyl Acetate	2.709	43	116393	45.689	ug/l #	83
19) Methyl tert-butyl Ether	3.117	73	322669	50.534	ug/l #	88
20) Methylene Chloride	2.788	84	110236	51.153	ug/l #	84
21) trans-1,2-Dichloroethene	3.093	96	102413	44.390	ug/l	92
22) Diisopropyl ether	3.763	45	246843	44.490	ug/l #	92
23) Vinyl Acetate	3.727	43	1055353	235.492	ug/l #	91
24) 1,1-Dichloroethane	3.611	63	168662	45.114	ug/l	98
25) 2-Butanone	4.568	43	315563	230.568	ug/l #	86
26) 2,2-Dichloropropane	4.483	77	49724	16.667	ug/l	91
27) cis-1,2-Dichloroethene	4.489	96	122730	47.464	ug/l	87
28) Bromochloromethane	4.904	49	48875	44.125	ug/l #	52
29) Tetrahydrofuran	5.013	42	193635	219.455	ug/l #	75
30) Chloroform	5.099	83	196294	47.879	ug/l	98
31) Cyclohexane	5.477	56	124982	39.841	ug/l	88
32) 1,1,1-Trichloroethane	5.385	97	172398	49.054	ug/l	95
36) 1,1-Dichloropropene	5.702	75	129083	43.333	ug/l	98
37) Ethyl Acetate	4.721	43	121658	47.005	ug/l #	93
38) Carbon Tetrachloride	5.684	117	150064	48.532	ug/l	94
39) Methylcyclohexane	7.385	83	149927	40.611	ug/l	93
40) Benzene	6.044	78	401464	46.942	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	66633	48.289	ug/l #	87
42) 1,2-Dichloroethane	6.092	62	146133	51.799	ug/l	98
43) Isopropyl Acetate	6.348	43	193449	47.824	ug/l #	91
44) Trichloroethene	7.129	130	131100	48.431	ug/l	94
45) 1,2-Dichloropropane	7.434	63	99483	45.381	ug/l	94
46) Dibromomethane	7.580	93	81107	49.434	ug/l	90
47) Bromodichloromethane	7.824	83	155244	50.646	ug/l #	96
48) Methyl methacrylate	7.696	41	94052	46.056	ug/l #	82
49) 1,4-Dioxane	7.696	88	59192	952.963	ug/l	88
51) 4-Methyl-2-Pentanone	8.580	43	609067	234.224	ug/l	89
52) Toluene	8.720	92	267283	48.191	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	134967	44.469	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	148667	43.806	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	118058	50.069	ug/l	94
56) Ethyl methacrylate	9.116	69	164994	51.186	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	178616	47.910	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	355046	220.575	ug/l #	89
59) 2-Hexanone	9.433	43	459326	233.582	ug/l	87
60) Dibromochloromethane	9.525	129	135457	55.326	ug/l	98
61) 1,2-Dibromoethane	9.610	107	130403	52.386	ug/l	98
64) Tetrachloroethene	9.275	164	110695	41.529	ug/l	97
65) Chlorobenzene	10.079	112	301181	47.239	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	120060	50.997	ug/l	96
67) Ethyl Benzene	10.195	91	515104	47.158	ug/l	98
68) m/p-Xylenes	10.305	106	406873	94.975	ug/l	98
69) o-Xylene	10.646	106	201008	47.842	ug/l	99
70) Styrene	10.659	104	336551	49.498	ug/l	100
71) Bromoform	10.799	173	101729	55.572	ug/l #	98
73) Isopropylbenzene	10.963	105	519737	48.737	ug/l	100
74) N-amyl acetate	10.841	43	155016	48.158	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	11.213	83	162787	47.735	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	143059m	45.746	ug/l	
77) Bromobenzene	11.201	156	135488	49.278	ug/l	86
78) n-propylbenzene	11.305	91	579241	47.691	ug/l	97
79) 2-Chlorotoluene	11.366	91	353017	47.201	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	433384	48.292	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	36520	36.701	ug/l	94
82) 4-Chlorotoluene	11.457	91	398866	47.664	ug/l	98
83) tert-Butylbenzene	11.719	119	434634	48.661	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	430354	48.247	ug/l	99
85) sec-Butylbenzene	11.890	105	520517	44.492	ug/l	99
86) p-Isopropyltoluene	12.012	119	443322	47.848	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	244280	46.383	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	242282	46.193	ug/l	98
89) n-Butylbenzene	12.335	91	351535	42.079	ug/l	97
90) Hexachloroethane	12.536	117	79572	47.390	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	238297	44.116	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	42562	51.225	ug/l	84
93) 1,2,4-Trichlorobenzene	13.585	180	190583	55.749	ug/l	97
94) Hexachlorobutadiene	13.725	225	66605	44.498	ug/l	97
95) Naphthalene	13.774	128	634477	52.913	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	187787	52.367	ug/l	97

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

