

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032622\
 Data File : VX027717.D
 Acq On : 26 Mar 2022 10:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 28 05:11:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 16:26:59 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/28/2022
 Supervised By : Mahesh Dadoda 03/28/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	56992	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	97040	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	86771	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41020	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	47946	51.293	ug/l	-0.01
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.580%			
35) Dibromofluoromethane	5.385	113	32277	50.650	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.300%			
50) Toluene-d8	8.653	98	113651	46.136	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 92.280%			
62) 4-Bromofluorobenzene	11.085	95	49199	49.220	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.440%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	40517	61.289	ug/l	100
3) Chloromethane	1.295	50	34039	49.692	ug/l	98
4) Vinyl Chloride	1.374	62	35306	53.661	ug/l	99
5) Bromomethane	1.599	94	13604	51.500	ug/l	98
6) Chloroethane	1.679	64	20746	49.135	ug/l	93
7) Trichlorofluoromethane	1.880	101	53182	54.758	ug/l	100
8) Diethyl Ether	2.136	74	19748	56.341	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.325	101	35752	55.045	ug/l	92
10) Methyl Iodide	2.453	142	39952	58.179	ug/l	# 87
11) Tert butyl alcohol	2.965	59	48472	278.511	ug/l	99
12) 1,1-Dichloroethene	2.319	96	31731	52.415	ug/l	91
13) Acrolein	2.239	56	33207	272.585	ug/l	98
14) Allyl chloride	2.660	41	62756	54.797	ug/l	# 92
15) Acrylonitrile	3.063	53	105861	248.374	ug/l	99
16) Acetone	2.380	43	108718	275.010	ug/l	89
17) Carbon Disulfide	2.508	76	81615	50.251	ug/l	100
18) Methyl Acetate	2.703	43	56240	55.628	ug/l	# 89
19) Methyl tert-butyl Ether	3.117	73	117103	52.692	ug/l	97
20) Methylene Chloride	2.788	84	38897	55.149	ug/l	# 85
21) trans-1,2-Dichloroethene	3.087	96	33703	50.053	ug/l	94
22) Diisopropyl ether	3.764	45	126110	55.266	ug/l	# 85
23) Vinyl Acetate	3.721	43	562513	281.911	ug/l	# 92
24) 1,1-Dichloroethane	3.611	63	70825	54.777	ug/l	96
25) 2-Butanone	4.556	43	136998	215.786	ug/l	99
26) 2,2-Dichloropropane	4.477	77	50937	51.519	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	39114	52.151	ug/l	97
28) Bromochloromethane	4.904	49	26557	51.493	ug/l	94
29) Tetrahydrofuran	5.007	42	89026	274.189	ug/l	91
30) Chloroform	5.099	83	66297	51.169	ug/l	100
31) Cyclohexane	5.471	56	60866	53.701	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	62439	54.223	ug/l	97
36) 1,1-Dichloropropene	5.690	75	53216	52.870	ug/l	97
37) Ethyl Acetate	4.715	43	52968	45.211	ug/l	98
38) Carbon Tetrachloride	5.672	117	53882	54.780	ug/l	99
39) Methylcyclohexane	7.379	83	63864	55.158	ug/l	# 88
40) Benzene	6.038	78	148821	53.525	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	28722	46.803	ug/l	92
42) 1,2-Dichloroethane	6.092	62	62674	53.023	ug/l	94
43) Isopropyl Acetate	6.342	43	98670	55.765	ug/l	93
44) Trichloroethene	7.123	130	36680	50.987	ug/l	88
45) 1,2-Dichloropropane	7.434	63	40287	55.210	ug/l	97
46) Dibromomethane	7.580	93	28728	55.015	ug/l	88
47) Bromodichloromethane	7.824	83	56705	55.450	ug/l	97
48) Methyl methacrylate	7.690	41	50764	60.264	ug/l	84
49) 1,4-Dioxane	7.659	88	20777	1113.078	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	269035	221.489	ug/l	93
52) Toluene	8.720	92	91192	52.463	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	60720	53.449	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	58583	51.964	ug/l #	84
55) 1,1,2-Trichloroethane	9.153	97	39280	55.623	ug/l	95
56) Ethyl methacrylate	9.116	69	66705	57.791	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	72768	57.122	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.245	63	155233	262.684	ug/l	97
59) 2-Hexanone	9.433	43	270535	285.010	ug/l	83
60) Dibromochloromethane	9.525	129	40809	59.738	ug/l	97
61) 1,2-Dibromoethane	9.610	107	41314	54.785	ug/l	100
64) Tetrachloroethene	9.275	164	35495	63.582	ug/l	93
65) Chlorobenzene	10.080	112	96089	52.562	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	36896	58.724	ug/l	97
67) Ethyl Benzene	10.195	91	184511	54.189	ug/l	98
68) m/p-Xylenes	10.305	106	136227	110.381	ug/l	87
69) o-Xylene	10.640	106	67571	54.485	ug/l	90
70) Styrene	10.659	104	113316	57.477	ug/l #	91
71) Bromoform	10.799	173	27121	59.580	ug/l #	99
73) Isopropylbenzene	10.964	105	178504	52.981	ug/l	96
74) N-amyl acetate	10.842	43	90447	55.933	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	11.213	83	63291	53.313	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	63452m	55.558	ug/l	
77) Bromobenzene	11.201	156	39395	52.923	ug/l	79
78) n-propylbenzene	11.305	91	217422	54.390	ug/l	97
79) 2-Chlorotoluene	11.366	91	131967	52.365	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	156062	53.892	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	19384	57.771	ug/l #	80
82) 4-Chlorotoluene	11.457	91	155681	53.700	ug/l	93
83) tert-Butylbenzene	11.719	119	141520	53.196	ug/l	83
84) 1,2,4-Trimethylbenzene	11.756	105	157624	53.628	ug/l	94
85) sec-Butylbenzene	11.890	105	188187	54.000	ug/l	95
86) p-Isopropyltoluene	12.012	119	154193	56.219	ug/l	92
87) 1,3-Dichlorobenzene	11.969	146	75819	54.477	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	74522	51.689	ug/l	95
89) n-Butylbenzene	12.335	91	145257	55.943	ug/l	95
90) Hexachloroethane	12.543	117	23862	54.517	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	72876	54.000	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15959	54.847	ug/l	67
93) 1,2,4-Trichlorobenzene	13.591	180	44583	56.050	ug/l	98
94) Hexachlorobutadiene	13.725	225	20685	53.403	ug/l	97
95) Naphthalene	13.780	128	163329	55.912	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	43742	55.014	ug/l	96

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

