

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033122\
 Data File : VX027865.D
 Acq On : 31 Mar 2022 22:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 01 05:05:52 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

Manual Integrations APPROVED

Reviewed By : John Carlone 04/01/2022
 Supervised By : Mahesh Dadoda 04/01/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	75644	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	128544	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54527	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	56755	58.150	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 116.300%			
35) Dibromofluoromethane	5.391	113	40963	49.370	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.740%			
50) Toluene-d8	8.653	98	140625	48.170	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.340%			
62) 4-Bromofluorobenzene	11.085	95	60191	48.517	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.040%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	35125	51.244	ug/l	98
3) Chloromethane	1.294	50	28577	47.180	ug/l	100
4) Vinyl Chloride	1.373	62	30151	48.537	ug/l	98
5) Bromomethane	1.599	94	12213	43.602	ug/l	97
6) Chloroethane	1.678	64	18447	44.053	ug/l	95
7) Trichlorofluoromethane	1.879	101	53749	49.324	ug/l	97
8) Diethyl Ether	2.136	74	18940	48.421	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.325	101	35470	50.077	ug/l	97
10) Methyl Iodide	2.453	142	39479	47.995	ug/l	90
11) Tert butyl alcohol	2.971	59	56650	302.165	ug/l	100
12) 1,1-Dichloroethene	2.318	96	30669	47.192	ug/l	96
13) Acrolein	2.233	56	39190	279.099	ug/l	97
14) Allyl chloride	2.660	41	59509	49.875	ug/l #	87
15) Acrylonitrile	3.068	53	123152	279.753	ug/l	97
16) Acetone	2.379	43	116377	269.423	ug/l	90
17) Carbon Disulfide	2.507	76	48404	36.409	ug/l	99
18) Methyl Acetate	2.703	43	57702	54.190	ug/l #	89
19) Methyl tert-butyl Ether	3.117	73	133390	53.872	ug/l	98
20) Methylene Chloride	2.788	84	36579	47.080	ug/l #	86
21) trans-1,2-Dichloroethene	3.087	96	31355	44.451	ug/l	94
22) Diisopropyl ether	3.763	45	131268	54.896	ug/l #	86
23) Vinyl Acetate	3.721	43	585452	283.385	ug/l #	90
24) 1,1-Dichloroethane	3.611	63	70410	52.340	ug/l	95
25) 2-Butanone	4.556	43	186604	296.894	ug/l	91
26) 2,2-Dichloropropane	4.477	77	48521	45.160	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	41282	48.534	ug/l	93
28) Bromochloromethane	4.897	49	27399	47.351	ug/l	86
29) Tetrahydrofuran	5.007	42	116673	288.986	ug/l #	85
30) Chloroform	5.092	83	78261	52.333	ug/l	100
31) Cyclohexane	5.470	56	52734	48.878	ug/l	87
32) 1,1,1-Trichloroethane	5.385	97	67880	52.475	ug/l	98
36) 1,1-Dichloropropene	5.690	75	49517	47.383	ug/l	97
37) Ethyl Acetate	4.720	43	69901	53.956	ug/l	94
38) Carbon Tetrachloride	5.678	117	57211	49.552	ug/l	97
39) Methylcyclohexane	7.385	83	54246	44.111	ug/l	91
40) Benzene	6.037	78	145231	45.858	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	38044	55.209	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	66504	52.553	ug/l	92
43) Isopropyl Acetate	6.342	43	108979	52.519	ug/l #	91
44) Trichloroethene	7.129	130	38581	44.828	ug/l	88
45) 1,2-Dichloropropane	7.433	63	40048	47.071	ug/l	98
46) Dibromomethane	7.580	93	29739	46.444	ug/l	90
47) Bromodichloromethane	7.824	83	59268	46.475	ug/l	96
48) Methyl methacrylate	7.696	41	54432	50.019	ug/l #	79
49) 1,4-Dioxane	7.659	88	22457	1045.383	ug/l #	88
51) 4-Methyl-2-Pentanone	8.573	43	364400	253.148	ug/l	88
52) Toluene	8.720	92	94117	47.181	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	58687	45.918	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	62712	46.597	ug/l #	81
55) 1,1,2-Trichloroethane	9.153	97	41699	47.129	ug/l	96
56) Ethyl methacrylate	9.116	69	69593	49.664	ug/l #	75
57) 1,3-Dichloropropane	9.311	76	70836	47.575	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	178691	255.418	ug/l	95
59) 2-Hexanone	9.433	43	281971	254.400	ug/l	84
60) Dibromochloromethane	9.524	129	43016	46.889	ug/l	97
61) 1,2-Dibromoethane	9.610	107	43426	46.972	ug/l	100
64) Tetrachloroethene	9.274	164	35777	45.841	ug/l	91
65) Chlorobenzene	10.079	112	103794	45.790	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	39796	46.786	ug/l	99
67) Ethyl Benzene	10.195	91	189471	46.062	ug/l	99
68) m/p-Xylenes	10.305	106	141667	93.642	ug/l	91
69) o-Xylene	10.646	106	69393	46.961	ug/l	89
70) Styrene	10.658	104	118770	47.289	ug/l	93
71) Bromoform	10.805	173	29505	43.600	ug/l #	99
73) Isopropylbenzene	10.963	105	190777	46.991	ug/l	98
74) N-amyl acetate	10.841	43	91417	49.990	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	11.213	83	66406	48.169	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	63609m	49.729	ug/l	
77) Bromobenzene	11.201	156	44283	47.843	ug/l	87
78) n-propylbenzene	11.305	91	224670	46.321	ug/l	97
79) 2-Chlorotoluene	11.366	91	138177	45.332	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	164808	46.783	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	17389	41.510	ug/l #	75
82) 4-Chlorotoluene	11.457	91	162624	46.492	ug/l	95
83) tert-Butylbenzene	11.719	119	156958	46.076	ug/l	87
84) 1,2,4-Trimethylbenzene	11.756	105	163221	46.467	ug/l	96
85) sec-Butylbenzene	11.890	105	200885	47.786	ug/l	98
86) p-Isopropyltoluene	12.012	119	167450	47.887	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	83319	45.729	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	83493	44.483	ug/l	96
89) n-Butylbenzene	12.335	91	149678	47.604	ug/l	96
90) Hexachloroethane	12.542	117	26166	46.595	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	82456	45.816	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17061	51.408	ug/l	74
93) 1,2,4-Trichlorobenzene	13.591	180	51296	46.606	ug/l	98
94) Hexachlorobutadiene	13.725	225	22428	46.181	ug/l	95
95) Naphthalene	13.780	128	186619	48.562	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	50649	46.974	ug/l	95

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

