

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040122\
 Data File : VX027875.D
 Acq On : 01 Apr 2022 11:41
 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 04/02/2022
 Supervised By : Mahesh Dadoda 04/02/2022

Quant Time: Apr 02 05:04:56 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	5.556	168	74920	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	121146	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112195	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53643	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	56423	58.368	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 116.740%			
35) Dibromofluoromethane	5.391	113	41403	52.947	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.900%			
50) Toluene-d8	8.653	98	143109	52.015	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.020%			
62) 4-Bromofluorobenzene	11.085	95	59546	50.929	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.860%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	34788	51.243	ug/l	99
3) Chloromethane	1.294	50	27608	46.020	ug/l	100
4) Vinyl Chloride	1.374	62	29888	48.578	ug/l	99
5) Bromomethane	1.599	94	11874	42.801	ug/l	99
6) Chloroethane	1.679	64	18239	43.977	ug/l	99
7) Trichlorofluoromethane	1.880	101	54503	50.499	ug/l	98
8) Diethyl Ether	2.136	74	18876	48.724	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.325	101	36497	52.025	ug/l	97
10) Methyl Iodide	2.447	142	38158	46.838	ug/l	# 87
11) Tert butyl alcohol	2.971	59	49087	264.355	ug/l	99
12) 1,1-Dichloroethene	2.319	96	30873	47.965	ug/l	97
13) Acrolein	2.239	56	40462	290.943	ug/l	97
14) Allyl chloride	2.660	41	61526	52.064	ug/l	# 88
15) Acrylonitrile	3.062	53	115548	265.016	ug/l	99
16) Acetone	2.380	43	135347	316.368	ug/l	# 87
17) Carbon Disulfide	2.508	76	52586	39.937	ug/l	100
18) Methyl Acetate	2.703	43	53916	51.124	ug/l	# 89
19) Methyl tert-butyl Ether	3.117	73	134410	54.809	ug/l	100
20) Methylene Chloride	2.788	84	36462	47.383	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	31567	45.184	ug/l	88
22) Diisopropyl ether	3.764	45	130794	55.227	ug/l	# 85
23) Vinyl Acetate	3.721	43	585570	286.182	ug/l	# 90
24) 1,1-Dichloroethane	3.605	63	70927	53.234	ug/l	96
25) 2-Butanone	4.556	43	182190	292.672	ug/l	90
26) 2,2-Dichloropropane	4.477	77	61662	57.945	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	41871	49.702	ug/l	91
28) Bromochloromethane	4.904	49	31520	55.000	ug/l	84
29) Tetrahydrofuran	5.007	42	108867	272.257	ug/l	86
30) Chloroform	5.099	83	78147	52.762	ug/l	98
31) Cyclohexane	5.471	56	52205	48.855	ug/l	87
32) 1,1,1-Trichloroethane	5.385	97	69621	54.340	ug/l	97
36) 1,1-Dichloropropene	5.690	75	50285	51.057	ug/l	97
37) Ethyl Acetate	4.715	43	65246	53.438	ug/l	95
38) Carbon Tetrachloride	5.678	117	59354	54.548	ug/l	98
39) Methylcyclohexane	7.379	83	54840	47.318	ug/l	# 88
40) Benzene	6.044	78	144987	48.577	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	37478	57.709	ug/l #	87
42) 1,2-Dichloroethane	6.086	62	66278	55.573	ug/l	92
43) Isopropyl Acetate	6.342	43	106567	54.492	ug/l #	90
44) Trichloroethene	7.129	130	38158	47.044	ug/l	79
45) 1,2-Dichloropropane	7.434	63	40680	50.734	ug/l	99
46) Dibromomethane	7.580	93	30210	50.061	ug/l	88
47) Bromodichloromethane	7.824	83	61386	51.075	ug/l	100
48) Methyl methacrylate	7.696	41	52787	51.469	ug/l #	80
49) 1,4-Dioxane	7.659	88	19139	945.335	ug/l #	88
51) 4-Methyl-2-Pentanone	8.574	43	334840	246.817	ug/l	90
52) Toluene	8.720	92	92972	49.453	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	59333	49.258	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	66272	52.249	ug/l #	80
55) 1,1,2-Trichloroethane	9.153	97	42702	51.210	ug/l	99
56) Ethyl methacrylate	9.116	69	66657	50.473	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	68529	48.836	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	182737	277.152	ug/l	97
59) 2-Hexanone	9.433	43	254702	243.831	ug/l	86
60) Dibromochloromethane	9.525	129	45526	52.656	ug/l	97
61) 1,2-Dibromoethane	9.610	107	43865	50.344	ug/l	100
64) Tetrachloroethene	9.275	164	37727	49.594	ug/l	94
65) Chlorobenzene	10.079	112	105129	47.582	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	42442	51.192	ug/l	98
67) Ethyl Benzene	10.195	91	194523	48.518	ug/l	98
68) m/p-Xylenes	10.305	106	142239	96.460	ug/l	94
69) o-Xylene	10.646	106	72937	50.641	ug/l	93
70) Styrene	10.659	104	123617	50.497	ug/l	95
71) Bromoform	10.805	173	32928	49.579	ug/l #	100
73) Isopropylbenzene	10.963	105	198750	49.762	ug/l	99
74) N-amyl acetate	10.848	43	82691	45.963	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	66871	49.305	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	62173m	49.407	ug/l	
77) Bromobenzene	11.201	156	47623	52.299	ug/l	93
78) n-propylbenzene	11.305	91	230219	48.247	ug/l	99
79) 2-Chlorotoluene	11.366	91	137108	45.722	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	168835	48.716	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	19982	47.898	ug/l	87
82) 4-Chlorotoluene	11.457	91	163458	47.501	ug/l	97
83) tert-Butylbenzene	11.719	119	166329	49.632	ug/l	89
84) 1,2,4-Trimethylbenzene	11.756	105	163131	47.207	ug/l	98
85) sec-Butylbenzene	11.890	105	210897	50.994	ug/l	98
86) p-Isopropyltoluene	12.012	119	173097	50.317	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	88811	49.547	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	86857	47.038	ug/l	97
89) n-Butylbenzene	12.335	91	160788	51.980	ug/l	95
90) Hexachloroethane	12.542	117	28618	51.802	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	83866	47.367	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16374	50.151	ug/l	77
93) 1,2,4-Trichlorobenzene	13.591	180	52596	48.575	ug/l	97
94) Hexachlorobutadiene	13.725	225	24488	51.165	ug/l	93
95) Naphthalene	13.780	128	187008	49.465	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	52731	49.711	ug/l	95

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

