

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040122\
 Data File : VX027921.D
 Acq On : 02 Apr 2022 07:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 02 08:24:04 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 04/02/2022
 Supervised By : Mahesh Dadoda 04/02/2022

Supervised By : Mahesh
 Dadoda
 04/02/2022

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

Internal Standards						
1) Pentafluorobenzene	5.555	168	60403	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	106845	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	96151	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	48268	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	42351	54.340	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 108.680%			
35) Dibromofluoromethane	5.391	113	33956	49.236	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.480%			
50) Toluene-d8	8.652	98	115036	47.408	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 94.820%			
62) 4-Bromofluorobenzene	11.085	95	49357	47.864	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.720%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	25875	47.274	ug/l	98
3) Chloromethane	1.288	50	20587	42.564	ug/l	100
4) Vinyl Chloride	1.373	62	22471	45.301	ug/l	99
5) Bromomethane	1.599	94	7072	31.618	ug/l	91
6) Chloroethane	1.684	64	14963	44.749	ug/l	91
7) Trichlorofluoromethane	1.885	101	41950	48.210	ug/l	99
8) Diethyl Ether	2.135	74	16035	51.338	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.330	101	27673	48.927	ug/l	95
10) Methyl Iodide	2.452	142	21503	32.738	ug/l	# 89
11) Tert butyl alcohol	2.971	59	36588	244.399	ug/l	99
12) 1,1-Dichloroethene	2.318	96	23778	45.820	ug/l	88
13) Acrolein	2.233	56	31393	279.984	ug/l	97
14) Allyl chloride	2.666	41	45440	47.693	ug/l	# 91
15) Acrylonitrile	3.062	53	94478	268.769	ug/l	99
16) Acetone	2.379	43	85892	249.021	ug/l	90
17) Carbon Disulfide	2.513	76	40000	37.680	ug/l	98
18) Methyl Acetate	2.702	43	43032	50.610	ug/l	90
19) Methyl tert-butyl Ether	3.111	73	103246	52.219	ug/l	99
20) Methylene Chloride	2.788	84	29799	48.031	ug/l	# 88
21) trans-1,2-Dichloroethene	3.093	96	24642	43.749	ug/l	88
22) Diisopropyl ether	3.763	45	103048	53.969	ug/l	89
23) Vinyl Acetate	3.720	43	446653	270.752	ug/l	# 91
24) 1,1-Dichloroethane	3.611	63	55257	51.440	ug/l	98
25) 2-Butanone	4.556	43	134225	267.442	ug/l	91
26) 2,2-Dichloropropane	4.476	77	33428	38.963	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	32814	48.313	ug/l	95
28) Bromochloromethane	4.909	49	23631	51.144	ug/l	84
29) Tetrahydrofuran	5.007	42	85403	264.908	ug/l	# 86
30) Chloroform	5.098	83	62851	52.633	ug/l	99
31) Cyclohexane	5.476	56	39613	45.980	ug/l	89
32) 1,1,1-Trichloroethane	5.391	97	52524	50.849	ug/l	97
36) 1,1-Dichloropropene	5.696	75	39159	45.082	ug/l	96
37) Ethyl Acetate	4.714	43	49700	46.154	ug/l	96
38) Carbon Tetrachloride	5.684	117	44293	46.155	ug/l	98
39) Methylcyclohexane	7.384	83	39315	38.463	ug/l	90
40) Benzene	6.043	78	116251	44.162	ug/l	100

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41) Methacrylonitrile	4.915	41	28147	49.142	ug/l	88
42) 1,2-Dichloroethane	6.092	62	46548	44.254	ug/l	96
43) Isopropyl Acetate	6.342	43	73128	42.399	ug/l	93
44) Trichloroethene	7.128	130	31533	44.079	ug/l	92
45) 1,2-Dichloropropane	7.433	63	31537	44.596	ug/l	98
46) Dibromomethane	7.580	93	23353	43.878	ug/l	93
47) Bromodichloromethane	7.823	83	47340	44.660	ug/l	98
48) Methyl methacrylate	7.695	41	36397	40.238	ug/l	87
49) 1,4-Dioxane	7.665	88	16340	915.110	ug/l	94
51) 4-Methyl-2-Pentanone	8.573	43	275495	230.254	ug/l	88
52) Toluene	8.720	92	74531	44.950	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	45041	42.398	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	47791	42.722	ug/l #	82
55) 1,1,2-Trichloroethane	9.152	97	34148	46.433	ug/l	96
56) Ethyl methacrylate	9.116	69	53236	45.706	ug/l #	78
57) 1,3-Dichloropropane	9.311	76	55918	45.183	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	132056	227.094	ug/l	97
59) 2-Hexanone	9.433	43	214377	232.696	ug/l	84
60) Dibromochloromethane	9.524	129	35695	46.811	ug/l	95
61) 1,2-Dibromoethane	9.610	107	34275	44.603	ug/l	99
64) Tetrachloroethene	9.274	164	28694	44.014	ug/l	95
65) Chlorobenzene	10.079	112	83206	43.944	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.164	131	32767	46.117	ug/l	97
67) Ethyl Benzene	10.195	91	152542	44.396	ug/l	100
68) m/p-Xylenes	10.305	106	111117	87.928	ug/l	89
69) o-Xylene	10.646	106	55998	45.367	ug/l	88
70) Styrene	10.658	104	95920	45.721	ug/l	93
71) Bromoform	10.805	173	24417	43.216	ug/l #	99
73) Isopropylbenzene	10.963	105	151779	42.233	ug/l	99
74) N-amyl acetate	10.841	43	69211	42.755	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.213	83	57314	46.965	ug/l	99
76) 1,2,3-Trichloropropane	11.243	75	51200m	45.218	ug/l	
77) Bromobenzene	11.201	156	35920	43.840	ug/l	88
78) n-propylbenzene	11.304	91	177834	41.419	ug/l	99
79) 2-Chlorotoluene	11.365	91	112999	41.879	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	134007	42.973	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	12772	35.038	ug/l #	75
82) 4-Chlorotoluene	11.457	91	129146	41.709	ug/l	96
83) tert-Butylbenzene	11.719	119	128773	42.704	ug/l	87
84) 1,2,4-Trimethylbenzene	11.756	105	132424	42.588	ug/l	97
85) sec-Butylbenzene	11.890	105	160367	43.094	ug/l	98
86) p-Isopropyltoluene	12.012	119	133560	43.148	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	69546	43.120	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	70414	42.379	ug/l	96
89) n-Butylbenzene	12.335	91	116481	41.850	ug/l	96
90) Hexachloroethane	12.542	117	21244	42.736	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	71881	45.119	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.944	75	13344	45.422	ug/l	78
93) 1,2,4-Trichlorobenzene	13.591	180	42271	43.387	ug/l	98
94) Hexachlorobutadiene	13.725	225	19069	44.388	ug/l	93
95) Naphthalene	13.780	128	154223	45.336	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	42238	44.253	ug/l	96

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

