

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012721\
 Data File : VX020769.D
 Acq On : 27 Jan 2021 14:04
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/28/2021 2:15:33 PM

Quant Time: Jan 28 00:42:37 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:38:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.623	168	328123	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	500574	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	481717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	243407	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	199356	44.54	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.08%		
35) Dibromofluoromethane	5.458	113	170719	49.79	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.58%		
50) Toluene-d8	8.696	98	623063	49.57	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.14%		
62) 4-Bromofluorobenzene	11.116	95	248081	50.82	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.64%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	253064	48.81	ug/l	99
3) Chloromethane	1.313	50	218402	47.32	ug/l	98
4) Vinyl Chloride	1.392	62	222624	48.38	ug/l	100
5) Bromomethane	1.618	94	96008	43.43	ug/l	97
6) Chloroethane	1.703	64	127713	49.03	ug/l	97
7) Trichlorofluoromethane	1.910	101	311213	49.85	ug/l	99
8) Diethyl Ether	2.166	74	108840	48.58	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.361	101	159748	50.13	ug/l	99
10) Methyl Iodide	2.489	142	214361	47.96	ug/l	94
11) Tert butyl alcohol	3.014	59	176263	210.97	ug/l	98
12) 1,1-Dichloroethene	2.349	96	152236	48.31	ug/l	95
13) Acrolein	2.270	56	135699	215.35	ug/l	98
14) Allyl chloride	2.703	41	273376	46.58	ug/l	95
15) Acrylonitrile	3.111	53	490225	231.81	ug/l	100
16) Acetone	2.416	43	503890	296.95	ug/l	99
17) Carbon Disulfide	2.544	76	472535	46.59	ug/l	99
18) Methyl Acetate	2.745	43	205028	47.29	ug/l	100
19) Methyl tert-butyl Ether	3.166	73	587546	49.84	ug/l	98
20) Methylene Chloride	2.831	84	201987	47.17	ug/l	97
21) trans-1,2-Dichloroethene	3.136	96	188756	47.95	ug/l	99
22) Diisopropyl ether	3.818	45	568600	49.30	ug/l	98
23) Vinyl Acetate	3.782	43	2336682	246.23	ug/l	100
24) 1,1-Dichloroethane	3.666	63	335622	48.14	ug/l	100
25) 2-Butanone	4.629	43	688874	259.19	ug/l	97
26) 2,2-Dichloropropane	4.550	77	282765	50.54	ug/l	99
27) cis-1,2-Dichloroethene	4.556	96	213147	49.38	ug/l	99
28) Bromochloromethane	4.971	49	131156	43.89	ug/l	99
29) Tetrahydrofuran	5.087	42	397502	232.22	ug/l	97
30) Chloroform	5.172	83	348858	48.67	ug/l	98
31) Cyclohexane	5.538	56	293116	48.71	ug/l	97
32) 1,1,1-Trichloroethane	5.458	97	309489	49.06	ug/l	99
36) 1,1-Dichloropropene	5.763	75	258856	51.53	ug/l	99
37) Ethyl Acetate	4.788	43	236650	49.68	ug/l	99
38) Carbon Tetrachloride	5.745	117	276650	52.37	ug/l	99
39) Methylcyclohexane	7.434	83	312427	54.57	ug/l	99
40) Benzene	6.105	78	763882	51.62	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	5.001	41	132275	49.62	ug/l	100
42) 1,2-Dichloroethane	6.160	62	269884	51.14	ug/l	100
43) Isopropyl Acetate	6.409	43	375009	49.39	ug/l	100
44) Trichloroethene	7.184	130	206323	52.41	ug/l	97
45) 1,2-Dichloropropane	7.482	63	197996	51.34	ug/l	97
46) Dibromomethane	7.635	93	134833	52.09	ug/l	99
47) Bromodichloromethane	7.873	83	282654	51.69	ug/l	99
48) Methyl methacrylate	7.745	41	194679	50.75	ug/l	97
49) 1,4-Dioxane	7.714	88	82591	917.85	ug/l	98
51) 4-Methyl-2-Pentanone	8.616	43	1230394	256.76	ug/l	100
52) Toluene	8.763	92	494265	53.13	ug/l	98
53) t-1,3-Dichloropropene	9.019	75	301191	52.34	ug/l	99
54) cis-1,3-Dichloropropene	8.409	75	329609	53.12	ug/l	94
55) 1,1,2-Trichloroethane	9.196	97	204513	52.94	ug/l	98
56) Ethyl methacrylate	9.159	69	289909	47.07	ug/l	98
57) 1,3-Dichloropropane	9.348	76	333860	51.52	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.287	63	724364	271.01	ug/l	100
59) 2-Hexanone	9.470	43	975607	273.47	ug/l	99
60) Dibromochloromethane	9.561	129	228361	53.47	ug/l	99
61) 1,2-Dibromoethane	9.653	107	208336	52.11	ug/l	100
64) Tetrachloroethene	9.318	164	202668	54.87	ug/l	95
65) Chlorobenzene	10.116	112	534065	51.25	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.201	131	195980	50.66	ug/l	99
67) Ethyl Benzene	10.232	91	962364	53.26	ug/l	97
68) m/p-Xylenes	10.342	106	720529	106.93	ug/l	99
69) o-Xylene	10.683	106	342602	54.06	ug/l	99
70) Styrene	10.695	104	602265	55.34	ug/l	100
71) Bromoform	10.836	173	160439	51.66	ug/l #	97
73) Isopropylbenzene	11.000	105	956803	54.38	ug/l	99
74) N-amyl acetate	10.878	43	333738	45.27	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.250	83	289261	48.80	ug/l	99
76) 1,2,3-Trichloropropane	11.274	75	285291m	50.54	ug/l	
77) Bromobenzene	11.238	156	230431	51.75	ug/l	99
78) n-propylbenzene	11.342	91	1097572	54.04	ug/l	100
79) 2-Chlorotoluene	11.402	91	656101	52.89	ug/l	98
80) 1,3,5-Trimethylbenzene	11.488	105	821665	54.64	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.055	75	99283	49.28	ug/l	99
82) 4-Chlorotoluene	11.494	91	765587	52.14	ug/l	99
83) tert-Butylbenzene	11.756	119	773152	53.25	ug/l	97
84) 1,2,4-Trimethylbenzene	11.793	105	835597	55.09	ug/l	98
85) sec-Butylbenzene	11.927	105	930114	55.42	ug/l	100
86) p-Isopropyltoluene	12.049	119	876851	56.29	ug/l	99
87) 1,3-Dichlorobenzene	12.006	146	423951	52.25	ug/l	98
88) 1,4-Dichlorobenzene	12.079	146	419066	49.74	ug/l	98
89) n-Butylbenzene	12.372	91	766657	54.95	ug/l	100
90) Hexachloroethane	12.579	117	142332	50.75	ug/l	98
91) 1,2-Dichlorobenzene	12.372	146	401051	51.29	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.981	75	60553	46.09	ug/l	94
93) 1,2,4-Trichlorobenzene	13.628	180	277881	54.80	ug/l	95
94) Hexachlorobutadiene	13.768	225	121255	50.75	ug/l	95
95) Naphthalene	13.817	128	878023	47.19	ug/l	99
96) 1,2,3-Trichlorobenzene	14.000	180	273645	55.42	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Operator : JC/SP
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
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