

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110420\
 Data File : VX019235.D
 Acq On : 03 Nov 2020 15:54
 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

MMDadoda
 11/4/2020 11:58:46 AM

Quant Time: Nov 04 02:35:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	291315	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	477048	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	435921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	199739	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.02	65	185854	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
35) Dibromofluoromethane	5.46	113	146420	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
50) Toluene-d8	8.70	98	572928	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
62) 4-Bromofluorobenzene	11.12	95	202163	47.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	128574	52.942	ug/l	98
3) Chloromethane	1.31	50	151146	55.707	ug/l	100
4) Vinyl Chloride	1.39	62	167412	53.205	ug/l	99
5) Bromomethane	1.64	94	125620	58.459	ug/l	100
6) Chloroethane	1.71	64	111690	55.595	ug/l	98
7) Trichlorofluoromethane	1.92	101	260332	52.663	ug/l	97
8) Diethyl Ether	2.17	74	102347	53.947	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	147234	53.735	ug/l	99
10) Methyl Iodide	2.49	142	150991	47.109	ug/l	98
11) Tert butyl alcohol	3.03	59	157699	212.522	ug/l	100
12) 1,1-Dichloroethene	2.35	96	142756	50.560	ug/l	99
13) Acrolein	2.27	56	108362	324.891	ug/l	99
14) Allyl chloride	2.71	41	229434	53.649	ug/l	99
15) Acrylonitrile	3.11	53	411239	263.736	ug/l	100
16) Acetone	2.42	43	337745	260.594	ug/l	100
17) Carbon Disulfide	2.55	76	401483	49.886	ug/l	100
18) Methyl Acetate	2.75	43	166639	52.874	ug/l	98
19) Methyl tert-butyl Ether	3.16	73	522530	53.412	ug/l	99
20) Methylene Chloride	2.83	84	165966	51.007	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	164693	50.682	ug/l	96
22) Diisopropyl ether	3.82	45	483037	56.656	ug/l	92
23) Vinyl Acetate	3.78	43	2116913	278.432	ug/l	98
24) 1,1-Dichloroethane	3.67	63	288343	54.167	ug/l	100
25) 2-Butanone	4.63	43	549179	268.864	ug/l	97
26) 2,2-Dichloropropane	4.55	77	268016	53.557	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	187352	51.595	ug/l	96
28) Bromochloromethane	4.98	49	125921	52.034	ug/l	95
29) Tetrahydrofuran	5.09	42	348623	270.833	ug/l	97
30) Chloroform	5.17	83	306890	54.162	ug/l	99
31) Cyclohexane	5.54	56	254509	53.593	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	277168	53.955	ug/l	99
36) 1,1-Dichloropropene	5.77	75	232702	52.825	ug/l	99
37) Ethyl Acetate	4.79	43	219480	53.661	ug/l	99
38) Carbon Tetrachloride	5.75	117	238997	53.226	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	286572	54.406	ug/l	99
40) Benzene	6.11	78	677222	54.221	ug/l	99
41) Methacrylonitrile	5.00	41	116939	53.090	ug/l	99
42) 1,2-Dichloroethane	6.16	62	249913	54.291	ug/l	100
43) Isopropyl Acetate	6.41	43	366602	53.530	ug/l	99
44) Trichloroethene	7.18	130	185282	51.797	ug/l	94
45) 1,2-Dichloropropane	7.49	63	170355	55.685	ug/l	99
46) Dibromomethane	7.63	93	120865	53.428	ug/l	97
47) Bromodichloromethane	7.87	83	248485	55.727	ug/l	100
48) Methyl methacrylate	7.74	41	180492	54.756	ug/l	98
49) 1,4-Dioxane	7.73	88	68283	931.484	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1078939	274.106	ug/l	99
52) Toluene	8.76	92	439139	54.589	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	277818	54.550	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	293196	54.747	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	172342	54.222	ug/l	98
56) Ethyl methacrylate	9.16	69	265174	55.234	ug/l	98
57) 1,3-Dichloropropane	9.35	76	296038	55.243	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	728434	271.302	ug/l	97
59) 2-Hexanone	9.47	43	826317	275.781	ug/l	99
60) Dibromochloromethane	9.56	129	186327	54.017	ug/l	98
61) 1,2-Dibromoethane	9.65	107	182831	53.792	ug/l	99
64) Tetrachloroethene	9.32	164	176535	53.153	ug/l	99
65) Chlorobenzene	10.12	112	462334	51.890	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	170270	53.084	ug/l	99
67) Ethyl Benzene	10.23	91	834375	52.554	ug/l	100
68) m/p-Xylenes	10.34	106	620837	104.189	ug/l	98
69) o-Xylene	10.68	106	291288	51.539	ug/l	100
70) Styrene	10.69	104	496243	51.460	ug/l	100
71) Bromoform	10.84	173	121506	47.778	ug/l #	99
73) Isopropylbenzene	11.00	105	802762	56.778	ug/l	100
74) N-amyl acetate	10.88	43	287861	55.685	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	230848	52.244	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	217083m	52.637	ug/l	
77) Bromobenzene	11.24	156	185892	52.976	ug/l	95
78) n-propylbenzene	11.34	91	911534	56.478	ug/l	99
79) 2-Chlorotoluene	11.40	91	526311	55.389	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	652526	54.631	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	81103	51.778	ug/l	97
82) 4-Chlorotoluene	11.49	91	622740	53.669	ug/l	99
83) tert-Butylbenzene	11.76	119	618382	54.071	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	658203	54.585	ug/l	99
85) sec-Butylbenzene	11.93	105	757679	55.238	ug/l	100
86) p-Isopropyltoluene	12.05	119	695187	54.910	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	333187	50.987	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	334864	49.228	ug/l	98
89) n-Butylbenzene	12.37	91	645854	54.272	ug/l	99
90) Hexachloroethane	12.58	117	117499	54.602	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	317273	50.563	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	53012	49.008	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	223031	47.320	ug/l	94
94) Hexachlorobutadiene	13.76	225	101951	49.138	ug/l	98
95) Naphthalene	13.82	128	736393	49.607	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	222879	48.745	ug/l	98

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

