

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060320\
 Data File : VX016557.D
 Acq On : 03 Jun 2020 10:36
 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
 6/4/2020 3:08:45 PM

Quant Time: Jun 04 08:44:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	276995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	421816	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	388945	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	190997	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	170832	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
35) Dibromofluoromethane	5.46	113	136711	52.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.28%	
50) Toluene-d8	8.70	98	545057	53.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.84%	
62) 4-Bromofluorobenzene	11.12	95	201321	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	136820	50.192	ug/l	98
3) Chloromethane	1.31	50	153200	46.506	ug/l	100
4) Vinyl Chloride	1.39	62	168597	48.396	ug/l	100
5) Bromomethane	1.62	94	80866	47.741	ug/l	100
6) Chloroethane	1.70	64	101601	49.997	ug/l	97
7) Trichlorofluoromethane	1.91	101	232881	50.902	ug/l	99
8) Diethyl Ether	2.17	74	91796	48.118	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	130042	51.645	ug/l	100
10) Methyl Iodide	2.49	142	145183	48.367	ug/l	98
11) Tert butyl alcohol	3.01	59	186049	210.916	ug/l	100
12) 1,1-Dichloroethene	2.35	96	129766	48.687	ug/l	98
13) Acrolein	2.27	56	96295	256.626	ug/l	97
14) Allyl chloride	2.70	41	230442	47.013	ug/l	99
15) Acrylonitrile	3.11	53	424511	234.935	ug/l	99
16) Acetone	2.42	43	353350	234.456	ug/l	98
17) Carbon Disulfide	2.54	76	365257	46.148	ug/l	99
18) Methyl Acetate	2.75	43	183493	47.470	ug/l	98
19) Methyl tert-butyl Ether	3.16	73	475725	49.706	ug/l	99
20) Methylene Chloride	2.83	84	147605	47.338	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	142180	48.228	ug/l	96
22) Diisopropyl ether	3.82	45	445509	47.313	ug/l	99
23) Vinyl Acetate	3.78	43	1968769	238.870	ug/l	97
24) 1,1-Dichloroethane	3.67	63	257407	48.434	ug/l	99
25) 2-Butanone	4.63	43	574154	224.829	ug/l	96
26) 2,2-Dichloropropane	4.54	77	238084	54.746	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	163947	48.070	ug/l	99
28) Bromochloromethane	4.98	49	114680	46.434	ug/l	92
29) Tetrahydrofuran	5.08	42	371727	225.312	ug/l	96
30) Chloroform	5.17	83	262043	48.934	ug/l	98
31) Cyclohexane	5.54	56	222974	46.635	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	240388	49.584	ug/l	99
36) 1,1-Dichloropropene	5.76	75	198339	49.662	ug/l	98
37) Ethyl Acetate	4.79	43	218917	45.656	ug/l	98
38) Carbon Tetrachloride	5.75	117	214707	51.156	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	231960	53.472	ug/l	99
40) Benzene	6.11	78	590885	49.682	ug/l	100
41) Methacrylonitrile	5.00	41	120135	45.613	ug/l	98
42) 1,2-Dichloroethane	6.15	62	209264	49.476	ug/l	100
43) Isopropyl Acetate	6.40	43	356180	47.623	ug/l	98
44) Trichloroethene	7.18	130	187418	49.667	ug/l	96
45) 1,2-Dichloropropane	7.49	63	151789	50.132	ug/l	97
46) Dibromomethane	7.63	93	101908	50.110	ug/l	99
47) Bromodichloromethane	7.87	83	215542	51.187	ug/l	98
48) Methyl methacrylate	7.74	41	170895	47.722	ug/l	97
49) 1,4-Dioxane	7.71	88	72206	861.594	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1114063	239.224	ug/l	98
52) Toluene	8.76	92	387511	51.669	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	253898	53.026	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	267152	52.712	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	153463	51.464	ug/l	97
56) Ethyl methacrylate	9.16	69	251474	51.781	ug/l	97
57) 1,3-Dichloropropane	9.35	76	261376	51.066	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	678383	267.618	ug/l	98
59) 2-Hexanone	9.47	43	862892	238.267	ug/l	97
60) Dibromochloromethane	9.56	129	178504	53.193	ug/l	99
61) 1,2-Dibromoethane	9.65	107	164671	51.569	ug/l	99
64) Tetrachloroethene	9.32	164	217813	50.055	ug/l	99
65) Chlorobenzene	10.12	112	416438	52.517	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	160200	52.925	ug/l	99
67) Ethyl Benzene	10.23	91	733825	51.978	ug/l	98
68) m/p-Xylenes	10.34	106	559681	106.921	ug/l	100
69) o-Xylene	10.68	106	265366	52.347	ug/l	99
70) Styrene	10.70	104	464695	53.330	ug/l	100
71) Bromoform	10.84	173	133953	52.363	ug/l #	97
73) Isopropylbenzene	11.00	105	717856	54.244	ug/l	100
74) N-amyl acetate	10.88	43	306389	50.333	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	177652	53.563	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	223073m	53.135	ug/l	
77) Bromobenzene	11.24	156	181425	52.269	ug/l	98
78) n-propylbenzene	11.34	91	797561	53.944	ug/l	99
79) 2-Chlorotoluene	11.40	91	480625	53.256	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	600634	54.356	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	88949	52.118	ug/l	96
82) 4-Chlorotoluene	11.49	91	559760	52.524	ug/l	99
83) tert-Butylbenzene	11.76	119	520434	55.120	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	611504	54.720	ug/l	100
85) sec-Butylbenzene	11.93	105	663391	56.009	ug/l	99
86) p-Isopropyltoluene	12.05	119	631715	56.937	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	315833	52.521	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	322774	52.482	ug/l	99
89) n-Butylbenzene	12.37	91	523285	56.624	ug/l	99
90) Hexachloroethane	12.58	117	108817	56.781	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	302714	51.959	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	52702	49.057	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	220019	56.863	ug/l	99
94) Hexachlorobutadiene	13.77	225	97129	63.935	ug/l	97
95) Naphthalene	13.82	128	711561	53.644	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	214892	56.689	ug/l	98

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

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