

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052220\
 Data File : VX016418.D
 Acq On : 22 May 2020 17:30
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/26/2020 11:43:56 AM

Quant Time: May 23 03:50:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	210997	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	342448	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	324676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	166842	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	123786	44.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.16%	
35) Dibromofluoromethane	5.47	113	106751	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
50) Toluene-d8	8.70	98	407694	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
62) 4-Bromofluorobenzene	11.12	95	163637	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	99771	44.673	ug/l	99
3) Chloromethane	1.31	50	113030	43.579	ug/l	99
4) Vinyl Chloride	1.39	62	124409	44.959	ug/l	99
5) Bromomethane	1.62	94	53624	38.439	ug/l	99
6) Chloroethane	1.70	64	77828	46.225	ug/l	100
7) Trichlorofluoromethane	1.91	101	171010	47.073	ug/l	99
8) Diethyl Ether	2.17	74	71409	46.652	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.36	101	94761	45.212	ug/l	98
10) Methyl Iodide	2.49	142	100813	35.808	ug/l	99
11) Tert butyl alcohol	3.03	59	159330	226.931	ug/l	100
12) 1,1-Dichloroethene	2.35	96	100356	45.755	ug/l	96
13) Acrolein	2.27	56	99692	226.906	ug/l	99
14) Allyl chloride	2.70	41	169589	42.170	ug/l	92
15) Acrylonitrile	3.12	53	347432	238.535	ug/l	98
16) Acetone	2.42	43	261066	210.732	ug/l	93
17) Carbon Disulfide	2.55	76	277421	42.086	ug/l	99
18) Methyl Acetate	2.75	43	139058	45.652	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	377854	49.974	ug/l	98
20) Methylene Chloride	2.83	84	118593	46.437	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	116249	47.561	ug/l	94
22) Diisopropyl ether	3.82	45	341323	44.988	ug/l	96
23) Vinyl Acetate	3.79	43	1519142	227.590	ug/l	96
24) 1,1-Dichloroethane	3.67	63	203668	47.988	ug/l	97
25) 2-Butanone	4.64	43	459204	230.029	ug/l	95
26) 2,2-Dichloropropane	4.56	77	172314	44.457	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	133917	50.117	ug/l	93
28) Bromochloromethane	4.98	49	77609	40.103	ug/l	86
29) Tetrahydrofuran	5.09	42	299614	226.509	ug/l	93
30) Chloroform	5.18	83	211627	50.080	ug/l	99
31) Cyclohexane	5.55	56	166995	43.295	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	189336	49.292	ug/l	97
36) 1,1-Dichloropropene	5.77	75	154622	45.869	ug/l	99
37) Ethyl Acetate	4.79	43	173570	44.425	ug/l	96
38) Carbon Tetrachloride	5.76	117	167070	48.761	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	164325	40.479	ug/l	95
40) Benzene	6.12	78	483036	48.974	ug/l	100
41) Methacrylonitrile	5.01	41	91669	43.446	ug/l	94
42) 1,2-Dichloroethane	6.17	62	162841	45.832	ug/l	97
43) Isopropyl Acetate	6.42	43	275652	44.219	ug/l	95
44) Trichloroethene	7.19	130	148195	42.293	ug/l	99
45) 1,2-Dichloropropane	7.49	63	121393	48.641	ug/l	99
46) Dibromomethane	7.64	93	83177	49.043	ug/l	97
47) Bromodichloromethane	7.88	83	173130	50.122	ug/l	98
48) Methyl methacrylate	7.75	41	131217	44.422	ug/l	90
49) 1,4-Dioxane	7.71	88	67851	957.766	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	884360	231.830	ug/l	94
52) Toluene	8.77	92	310254	50.465	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	199428	48.423	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	212364	49.367	ug/l	91
55) 1,1,2-Trichloroethane	9.20	97	127720	52.803	ug/l	99
56) Ethyl methacrylate	9.16	69	202856	51.379	ug/l	89
57) 1,3-Dichloropropane	9.35	76	214328	50.782	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	461934	219.766	ug/l	97
59) 2-Hexanone	9.48	43	690497	230.491	ug/l	93
60) Dibromochloromethane	9.57	129	144697	54.317	ug/l	100
61) 1,2-Dibromoethane	9.65	107	136114	51.952	ug/l	99
64) Tetrachloroethene	9.32	164	161525	40.525	ug/l	94
65) Chlorobenzene	10.12	112	340179	50.038	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	127984	50.934	ug/l	99
67) Ethyl Benzene	10.24	91	589529	48.601	ug/l	98
68) m/p-Xylenes	10.34	106	461054	101.450	ug/l	99
69) o-Xylene	10.68	106	222075	50.836	ug/l	99
70) Styrene	10.69	104	390931	52.749	ug/l	99
71) Bromoform	10.84	173	111743	54.583	ug/l #	99
73) Isopropylbenzene	11.01	105	583899	48.116	ug/l	99
74) N-amyl acetate	10.88	43	244800	43.248	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.26	83	161208	65.148	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	181107m	47.836	ug/l	
77) Bromobenzene	11.24	156	154009	49.168	ug/l	97
78) n-propylbenzene	11.35	91	655949	46.464	ug/l	99
79) 2-Chlorotoluene	11.41	91	406008	48.722	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	499509	48.752	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	76570	48.196	ug/l	94
82) 4-Chlorotoluene	11.49	91	473531	48.121	ug/l	99
83) tert-Butylbenzene	11.76	119	429557	48.648	ug/l	95
84) 1,2,4-Trimethylbenzene	11.79	105	509700	49.205	ug/l	99
85) sec-Butylbenzene	11.93	105	515062	43.202	ug/l	100
86) p-Isopropyltoluene	12.05	119	498240	45.012	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	269965	48.001	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	271277	47.523	ug/l	99
89) n-Butylbenzene	12.37	91	405144	40.065	ug/l	99
90) Hexachloroethane	12.58	117	87320	45.933	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	260658	48.132	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	47235	47.338	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	173638	43.308	ug/l	98
94) Hexachlorobutadiene	13.77	225	62518	36.356	ug/l	98
95) Naphthalene	13.82	128	627930	48.368	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	169156	43.169	ug/l	99

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

