

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091120\
 Data File : VX018351.D
 Acq On : 11 Sep 2020 10:40
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/14/2020 12:09:45 PM

Quant Time: Sep 12 06:13:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	423503	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	646047	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	608293	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	341986	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	287034	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
35) Dibromofluoromethane	5.46	113	218072	49.56	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	99.12%	
50) Toluene-d8	8.70	98	763681	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	
62) 4-Bromofluorobenzene	11.12	95	325296	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	253075	49.081	ug/l	100
3) Chloromethane	1.31	50	220552	40.572	ug/l	98
4) Vinyl Chloride	1.39	62	240076	44.365	ug/l	98
5) Bromomethane	1.62	94	147517	56.517	ug/l	98
6) Chloroethane	1.71	64	147295	50.679	ug/l	98
7) Trichlorofluoromethane	1.92	101	416896	56.499	ug/l	100
8) Diethyl Ether	2.17	74	127536	50.966	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	208941	52.377	ug/l	98
10) Methyl Iodide	2.49	142	215808	50.504	ug/l	96
11) Tert butyl alcohol	3.01	59	273968	239.661	ug/l	100
12) 1,1-Dichloroethene	2.36	96	201608	48.713	ug/l	99
13) Acrolein	2.27	56	171221	361.226	ug/l	99
14) Allyl chloride	2.70	41	366924	49.347	ug/l	96
15) Acrylonitrile	3.11	53	603143	232.595	ug/l	98
16) Acetone	2.42	43	568232	248.035	ug/l	95
17) Carbon Disulfide	2.55	76	538393	43.033	ug/l	99
18) Methyl Acetate	2.75	43	306338	55.413	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	743270	52.367	ug/l	99
20) Methylene Chloride	2.83	84	229439	48.956	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	223197	48.677	ug/l	98
22) Diisopropyl ether	3.82	45	735496	50.117	ug/l #	88
23) Vinyl Acetate	3.78	43	3231171	247.436	ug/l	100
24) 1,1-Dichloroethane	3.67	63	417726	50.003	ug/l	99
25) 2-Butanone	4.63	43	865685	229.926	ug/l	97
26) 2,2-Dichloropropane	4.54	77	399733	58.808	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	249894	47.301	ug/l	98
28) Bromochloromethane	4.98	49	184203	45.680	ug/l	98
29) Tetrahydrofuran	5.09	42	539127	224.939	ug/l	98
30) Chloroform	5.17	83	444349	51.368	ug/l	99
31) Cyclohexane	5.54	56	326954	46.461	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	412919	52.016	ug/l	100
36) 1,1-Dichloropropene	5.77	75	310223	52.061	ug/l	99
37) Ethyl Acetate	4.79	43	329948	47.675	ug/l	99
38) Carbon Tetrachloride	5.74	117	380677	56.688	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	334499	51.337	ug/l	97
40) Benzene	6.11	78	880087	50.264	ug/l	95
41) Methacrylonitrile	4.99	41	184756	48.620	ug/l	98
42) 1,2-Dichloroethane	6.16	62	372595	55.541	ug/l	97
43) Isopropyl Acetate	6.41	43	546672	48.905	ug/l	99
44) Trichloroethene	7.18	130	256350	51.815	ug/l	100
45) 1,2-Dichloropropane	7.49	63	238473	50.534	ug/l	96
46) Dibromomethane	7.63	93	170743	51.452	ug/l	99
47) Bromodichloromethane	7.87	83	365780	55.203	ug/l	98
48) Methyl methacrylate	7.74	41	276824	49.747	ug/l	99
49) 1,4-Dioxane	7.71	88	114977	1140.655	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1718744	248.914	ug/l	99
52) Toluene	8.76	92	571387	51.464	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	402759	54.844	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	412461	53.020	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	240189	50.725	ug/l	97
56) Ethyl methacrylate	9.16	69	358732	50.961	ug/l	98
57) 1,3-Dichloropropane	9.35	76	395785	50.677	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	850010	268.429	ug/l	99
59) 2-Hexanone	9.47	43	1342992	255.787	ug/l	100
60) Dibromochloromethane	9.56	129	307652	55.385	ug/l	100
61) 1,2-Dibromoethane	9.65	107	261984	50.962	ug/l	99
64) Tetrachloroethene	9.32	164	244066	54.600	ug/l	95
65) Chlorobenzene	10.12	112	639698	52.655	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	262596	54.841	ug/l	97
67) Ethyl Benzene	10.23	91	1121900	54.302	ug/l	100
68) m/p-Xylenes	10.34	106	851324	110.398	ug/l	97
69) o-Xylene	10.68	106	400308	53.550	ug/l	95
70) Styrene	10.70	104	734785	57.718	ug/l	100
71) Bromoform	10.84	173	239817	58.718	ug/l	98
73) Isopropylbenzene	11.00	105	1128945	50.047	ug/l	99
74) N-amyl acetate	10.88	43	497630	46.495	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	360947	45.359	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	355277m	46.700	ug/l	
77) Bromobenzene	11.24	156	308771	49.519	ug/l	98
78) n-propylbenzene	11.34	91	1349278	52.679	ug/l	98
79) 2-Chlorotoluene	11.40	91	802356	50.703	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1001574	54.031	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	137369	48.768	ug/l	96
82) 4-Chlorotoluene	11.49	91	964303	51.260	ug/l	99
83) tert-Butylbenzene	11.76	119	961695	52.570	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	1016927	53.658	ug/l	100
85) sec-Butylbenzene	11.93	105	1114125	53.555	ug/l	97
86) p-Isopropyltoluene	12.05	119	1082863	56.667	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	562845	51.412	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	541298	49.382	ug/l	99
89) n-Butylbenzene	12.37	91	973055	55.790	ug/l	98
90) Hexachloroethane	12.58	117	202119	53.760	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	530711	51.499	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	94165	47.326	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	382687	55.689	ug/l	98
94) Hexachlorobutadiene	13.77	225	166200	61.318	ug/l	99
95) Naphthalene	13.82	128	1121088	49.572	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	350564	51.629	ug/l	96

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

