

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111920\
 Data File : VX019466.D
 Acq On : 18 Nov 2020 21:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/19/2020 11:58:52 AM

Quant Time: Nov 19 04:12:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X111920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 16:47:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	230794	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	401464	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	377271	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	182474	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	171532	47.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.86%	
35) Dibromofluoromethane	5.46	113	125699	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	
50) Toluene-d8	8.70	98	491627	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
62) 4-Bromofluorobenzene	11.12	95	184183	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	137357	52.980	ug/l	97
3) Chloromethane	1.31	50	159761	49.692	ug/l	100
4) Vinyl Chloride	1.39	62	161319	50.264	ug/l	99
5) Bromomethane	1.62	94	80411	52.490	ug/l	99
6) Chloroethane	1.69	64	60081	55.169	ug/l	100
7) Trichlorofluoromethane	1.90	101	225854	50.276	ug/l	100
8) Diethyl Ether	2.17	74	90198	50.379	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	121564	49.282	ug/l	98
10) Methyl Iodide	2.48	142	148563	48.265	ug/l	99
11) Tert butyl alcohol	3.04	59	179129	266.521	ug/l	99
12) 1,1-Dichloroethene	2.35	96	122672	49.324	ug/l	95
13) Acrolein	2.28	56	112163	232.851	ug/l	99
14) Allyl chloride	2.70	41	220820	50.653	ug/l	99
15) Acrylonitrile	3.12	53	410452	264.827	ug/l	99
16) Acetone	2.42	43	344009	245.954	ug/l	100
17) Carbon Disulfide	2.54	76	340386	50.403	ug/l	99
18) Methyl Acetate	2.75	43	171551	49.861	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	467942	52.043	ug/l	98
20) Methylene Chloride	2.83	84	152926	48.294	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	140549	51.057	ug/l	97
22) Diisopropyl ether	3.82	45	465105	52.290	ug/l	99
23) Vinyl Acetate	3.78	43	2041268	270.469	ug/l	100
24) 1,1-Dichloroethane	3.67	63	263718	50.520	ug/l	99
25) 2-Butanone	4.64	43	546982	262.133	ug/l	100
26) 2,2-Dichloropropane	4.55	77	217715	48.835	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	160497	51.312	ug/l	99
28) Bromochloromethane	4.98	49	120075	48.416	ug/l	99
29) Tetrahydrofuran	5.09	42	356413	264.964	ug/l	99
30) Chloroform	5.17	83	270935	50.893	ug/l	98
31) Cyclohexane	5.54	56	230356	50.717	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	238409	51.323	ug/l	100
36) 1,1-Dichloropropene	5.76	75	202212	50.249	ug/l	99
37) Ethyl Acetate	4.79	43	215946	52.162	ug/l	99
38) Carbon Tetrachloride	5.75	117	202690	51.063	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	232277	51.334	ug/l	97
40) Benzene	6.11	78	603984	50.374	ug/l	100
41) Methacrylonitrile	5.01	41	120678	53.225	ug/l	98
42) 1,2-Dichloroethane	6.16	62	229503	50.373	ug/l	100
43) Isopropyl Acetate	6.42	43	354517	51.671	ug/l	99
44) Trichloroethene	7.18	130	150119	49.660	ug/l	95
45) 1,2-Dichloropropane	7.49	63	157999	50.820	ug/l	99
46) Dibromomethane	7.63	93	105040	51.437	ug/l	99
47) Bromodichloromethane	7.87	83	212827	52.684	ug/l	98
48) Methyl methacrylate	7.74	41	177328	53.502	ug/l	100
49) 1,4-Dioxane	7.72	88	71162	1089.154	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1091339	267.938	ug/l	99
52) Toluene	8.76	92	385943	53.026	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	236982	48.149	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	255496	48.209	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	152969	51.891	ug/l	98
56) Ethyl methacrylate	9.16	69	239599	49.709	ug/l	99
57) 1,3-Dichloropropane	9.35	76	267526	52.232	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	653072	270.315	ug/l	100
59) 2-Hexanone	9.48	43	825570	267.624	ug/l	100
60) Dibromochloromethane	9.56	129	154342	48.138	ug/l	100
61) 1,2-Dibromoethane	9.65	107	160528	52.534	ug/l	99
64) Tetrachloroethene	9.32	164	140256	47.571	ug/l	99
65) Chlorobenzene	10.12	112	395283	51.133	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	145275	48.128	ug/l	98
67) Ethyl Benzene	10.23	91	739521	52.875	ug/l	100
68) m/p-Xylenes	10.34	106	541243	106.128	ug/l	98
69) o-Xylene	10.68	106	256685	52.853	ug/l	97
70) Styrene	10.70	104	440553	47.760	ug/l	100
71) Bromoform	10.84	173	103438	45.501	ug/l #	99
73) Isopropylbenzene	11.00	105	699057	52.989	ug/l	100
74) N-amyl acetate	10.88	43	303838	54.713	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	237875	52.250	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	222231m	51.082	ug/l	
77) Bromobenzene	11.24	156	159883	51.436	ug/l	100
78) n-propylbenzene	11.34	91	817745	53.721	ug/l	99
79) 2-Chlorotoluene	11.40	91	490002	52.955	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	601978	53.623	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	75031	46.951	ug/l	99
82) 4-Chlorotoluene	11.49	91	580852	52.621	ug/l	99
83) tert-Butylbenzene	11.76	119	555482	53.793	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	604248	53.838	ug/l	98
85) sec-Butylbenzene	11.93	105	685175	54.103	ug/l	100
86) p-Isopropyltoluene	12.05	119	613186	48.401	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	298460	50.626	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	303011	50.120	ug/l	100
89) n-Butylbenzene	12.37	91	568041	52.873	ug/l	100
90) Hexachloroethane	12.58	117	103551	47.120	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	295615	50.867	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	54759	53.163	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	189485	46.513	ug/l	99
94) Hexachlorobutadiene	13.76	225	81614	51.041	ug/l	97
95) Naphthalene	13.82	128	671555	48.153	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	187745	46.694	ug/l	98

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

