

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101920\
 Data File : VX018976.D
 Acq On : 20 Oct 2020 01:11
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/20/2020 4:52:53 PM

Quant Time: Oct 20 09:59:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101920W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 20 09:17:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	84855	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	157229	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	147657	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	82486	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	59017	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
35) Dibromofluoromethane	5.46	113	48575	45.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.72%	
50) Toluene-d8	8.70	98	190130	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	
62) 4-Bromofluorobenzene	11.12	95	71179	45.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	39838	38.561	ug/l	100
3) Chloromethane	1.31	50	42810	39.304	ug/l	97
4) Vinyl Chloride	1.39	62	61192	56.437	ug/l	99
5) Bromomethane	1.62	94	56958	108.700	ug/l	99
6) Chloroethane	1.71	64	45717	78.504	ug/l	100
7) Trichlorofluoromethane	1.92	101	106592	72.097	ug/l	97
8) Diethyl Ether	2.17	74	40870	81.513	ug/l	78
9) 1,1,2-Trichlorotrifluoroet	2.36	101	46796	58.547	ug/l	94
10) Methyl Iodide	2.49	142	50742	68.262	ug/l	98
11) Tert butyl alcohol	3.02	59	62403	272.447	ug/l	98
12) 1,1-Dichloroethene	2.36	96	55429	66.843	ug/l	91
13) Acrolein	2.28	56	44510	468.661	ug/l	97
14) Allyl chloride	2.70	41	64413	43.235	ug/l #	88
15) Acrylonitrile	3.12	53	122341	235.468	ug/l	99
16) Acetone	2.42	43	104446	227.540	ug/l	97
17) Carbon Disulfide	2.55	76	124000	49.465	ug/l	100
18) Methyl Acetate	2.75	43	58478	52.793	ug/l #	87
19) Methyl tert-butyl Ether	3.17	73	149043	52.408	ug/l	100
20) Methylene Chloride	2.83	84	50608	48.678	ug/l	93
21) trans-1,2-Dichloroethene	3.14	96	52383	57.017	ug/l	90
22) Diisopropyl ether	3.83	45	132877	45.189	ug/l #	96
23) Vinyl Acetate	3.79	43	632876	241.881	ug/l #	91
24) 1,1-Dichloroethane	3.67	63	90343	53.973	ug/l	99
25) 2-Butanone	4.64	43	179555	238.015	ug/l #	87
26) 2,2-Dichloropropane	4.55	77	68532	50.320	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	60241	56.909	ug/l	92
28) Bromochloromethane	4.98	49	38060	47.106	ug/l	93
29) Tetrahydrofuran	5.09	42	105269	219.207	ug/l #	79
30) Chloroform	5.18	83	98014	56.551	ug/l	99
31) Cyclohexane	5.55	56	72054	51.103	ug/l	90
32) 1,1,1-Trichloroethane	5.46	97	88650	55.736	ug/l	99
36) 1,1-Dichloropropene	5.77	75	73623	50.768	ug/l	100
37) Ethyl Acetate	4.79	43	71074	42.197	ug/l #	94
38) Carbon Tetrachloride	5.76	117	75666	46.299	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	79021	49.832	ug/l	92
40) Benzene	6.11	78	220396	51.721	ug/l	99
41) Methacrylonitrile	5.01	41	37315	40.349	ug/l #	87
42) 1,2-Dichloroethane	6.16	62	77056	47.197	ug/l	98
43) Isopropyl Acetate	6.42	43	118038	43.389	ug/l #	92
44) Trichloroethene	7.19	130	57413	47.683	ug/l	98
45) 1,2-Dichloropropane	7.49	63	54006	47.024	ug/l	99
46) Dibromomethane	7.63	93	38961	48.241	ug/l	93
47) Bromodichloromethane	7.88	83	79157	49.087	ug/l	98
48) Methyl methacrylate	7.74	41	55707	41.134	ug/l #	84
49) 1,4-Dioxane	7.71	88	23286	949.226	ug/l	91
51) 4-Methyl-2-Pentanone	8.62	43	357111	212.507	ug/l	89
52) Toluene	8.76	92	144535	53.491	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	87423	48.915	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	91681	48.425	ug/l	92
55) 1,1,2-Trichloroethane	9.20	97	57179	49.617	ug/l	97
56) Ethyl methacrylate	9.16	69	87769	51.232	ug/l	87
57) 1,3-Dichloropropane	9.35	76	95065	50.015	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	227923	295.750	ug/l	95
59) 2-Hexanone	9.48	43	271069	212.137	ug/l	86
60) Dibromochloromethane	9.57	129	63404	46.901	ug/l	100
61) 1,2-Dibromoethane	9.65	107	61691	49.308	ug/l	99
64) Tetrachloroethene	9.32	164	58043	53.492	ug/l	95
65) Chlorobenzene	10.12	112	151480	51.366	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	55636	47.867	ug/l	96
67) Ethyl Benzene	10.24	91	271018	54.040	ug/l	96
68) m/p-Xylenes	10.34	106	216541	115.681	ug/l	97
69) o-Xylene	10.68	106	102356	56.407	ug/l	100
70) Styrene	10.70	104	177198	57.342	ug/l	98
71) Bromoform	10.84	173	46318	46.719	ug/l #	98
73) Isopropylbenzene	11.00	105	278217	51.135	ug/l	100
74) N-amyl acetate	10.88	43	97054	37.596	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.25	83	88706	46.217	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	80584m	43.917	ug/l	
77) Bromobenzene	11.24	156	66613	44.292	ug/l	98
78) n-propylbenzene	11.34	91	314364	50.886	ug/l	99
79) 2-Chlorotoluene	11.40	91	183416	48.055	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	238370	53.314	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.06	75	30185	44.429	ug/l	91
82) 4-Chlorotoluene	11.49	91	222454	49.026	ug/l	98
83) tert-Butylbenzene	11.76	119	233453	52.909	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	236807	51.805	ug/l	97
85) sec-Butylbenzene	11.93	105	277086	55.222	ug/l	99
86) p-Isopropyltoluene	12.05	119	256032	55.550	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	127802	48.400	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	131633	49.788	ug/l	96
89) n-Butylbenzene	12.37	91	224773	53.431	ug/l	97
90) Hexachloroethane	12.58	117	40825	45.020	ug/l	93
91) 1,2-Dichlorobenzene	12.37	146	124478	50.080	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	20769	43.277	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	79443	47.930	ug/l	99
94) Hexachlorobutadiene	13.76	225	29713	45.449	ug/l	97
95) Naphthalene	13.82	128	284088	52.081	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	78109	47.693	ug/l	98

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

