

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121220\
 Data File : VX019952.D
 Acq On : 12 Dec 2020 23:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/15/2020 4:49:34 PM

Quant Time: Dec 14 06:06:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	265112	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	446261	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	409839	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	200984	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	170844	49.03	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.06%
35) Dibromofluoromethane	5.46	113	137745	47.76	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.52%
50) Toluene-d8	8.70	98	531489	48.27	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.54%
62) 4-Bromofluorobenzene	11.12	95	206502	49.27	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.54%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	116235	47.888	ug/l	98
3) Chloromethane	1.31	50	132329	46.358	ug/l	99
4) Vinyl Chloride	1.39	62	153005	50.835	ug/l	98
5) Bromomethane	1.62	94	41344	41.369	ug/l	99
6) Chloroethane	1.70	64	99682	55.132	ug/l	100
7) Trichlorofluoromethane	1.91	101	213026	50.821	ug/l	99
8) Diethyl Ether	2.17	74	93870	52.846	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	121595	50.610	ug/l	99
10) Methyl Iodide	2.49	142	168380	47.546	ug/l	99
11) Tert butyl alcohol	3.02	59	195403	273.025	ug/l	99
12) 1,1-Dichloroethene	2.36	96	121839	50.160	ug/l	97
13) Acrolein	2.27	56	89882	233.699	ug/l	99
14) Allyl chloride	2.70	41	216990	52.894	ug/l	96
15) Acrylonitrile	3.11	53	445996	283.140	ug/l	100
16) Acetone	2.42	43	364540	278.343	ug/l	100
17) Carbon Disulfide	2.55	76	304697	43.718	ug/l	99
18) Methyl Acetate	2.75	43	198982	62.087	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	490592	55.459	ug/l	99
20) Methylene Chloride	2.83	84	161209	54.031	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	144129	50.896	ug/l	99
22) Diisopropyl ether	3.82	45	474749	57.237	ug/l	94
23) Vinyl Acetate	3.78	43	2009312	284.346	ug/l	99
24) 1,1-Dichloroethane	3.67	63	271603	54.302	ug/l	99
25) 2-Butanone	4.63	43	572311	284.384	ug/l	99
26) 2,2-Dichloropropane	4.55	77	195043	45.281	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	172806	52.144	ug/l	100
28) Bromochloromethane	4.98	49	123008	51.589	ug/l	96
29) Tetrahydrofuran	5.09	42	370817	285.992	ug/l	98
30) Chloroform	5.17	83	279594	54.364	ug/l	99
31) Cyclohexane	5.55	56	228243	52.660	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	236342	53.363	ug/l	100
36) 1,1-Dichloropropene	5.76	75	201207	49.895	ug/l	98
37) Ethyl Acetate	4.79	43	221071	54.297	ug/l	99
38) Carbon Tetrachloride	5.75	117	196029	49.641	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	232657	49.107	ug/l	98
40) Benzene	6.11	78	630919	51.218	ug/l	99
41) Methacrylonitrile	5.00	41	123225	55.123	ug/l	98
42) 1,2-Dichloroethane	6.16	62	218265	51.860	ug/l	100
43) Isopropyl Acetate	6.41	43	357051	53.939	ug/l	99
44) Trichloroethene	7.18	130	157150	48.623	ug/l	97
45) 1,2-Dichloropropane	7.49	63	163421	53.081	ug/l	97
46) Dibromomethane	7.63	93	107283	51.602	ug/l	99
47) Bromodichloromethane	7.87	83	216473	52.471	ug/l	100
48) Methyl methacrylate	7.74	41	176748	54.291	ug/l	97
49) 1,4-Dioxane	7.71	88	85873	1088.868	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1134596	280.742	ug/l	100
52) Toluene	8.76	92	405192	52.593	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	232873	50.867	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	258355	51.945	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	165098	53.176	ug/l	99
56) Ethyl methacrylate	9.16	69	257758	54.873	ug/l	99
57) 1,3-Dichloropropane	9.35	76	278888	52.606	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	681569	273.889	ug/l	100
59) 2-Hexanone	9.47	43	869774	277.649	ug/l	100
60) Dibromochloromethane	9.56	129	167230	53.015	ug/l	100
61) 1,2-Dibromoethane	9.65	107	170412	51.689	ug/l	99
64) Tetrachloroethene	9.32	164	133793	48.679	ug/l	96
65) Chlorobenzene	10.12	112	416301	50.985	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	156144	53.131	ug/l	99
67) Ethyl Benzene	10.23	91	751078	51.822	ug/l	100
68) m/p-Xylenes	10.34	106	567435	103.900	ug/l	99
69) o-Xylene	10.68	106	276663	52.662	ug/l	99
70) Styrene	10.70	104	473976	53.452	ug/l	100
71) Bromoform	10.84	173	123065	53.230	ug/l #	100
73) Isopropylbenzene	11.00	105	734610	53.499	ug/l	100
74) N-amyl acetate	10.88	43	313569	56.985	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	271979	56.182	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	245439m	54.449	ug/l	
77) Bromobenzene	11.24	156	183856	52.322	ug/l	99
78) n-propylbenzene	11.34	91	851587	54.300	ug/l	99
79) 2-Chlorotoluene	11.40	91	518731	53.711	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	624965	53.929	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	80743	51.781	ug/l	99
82) 4-Chlorotoluene	11.49	91	598171	52.883	ug/l	99
83) tert-Butylbenzene	11.76	119	622963	54.811	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	642644	55.052	ug/l	98
85) sec-Butylbenzene	11.93	105	716493	55.215	ug/l	100
86) p-Isopropyltoluene	12.05	119	659648	55.467	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	327897	50.841	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	331278	50.432	ug/l	98
89) n-Butylbenzene	12.37	91	571308	54.222	ug/l	99
90) Hexachloroethane	12.58	117	110705	53.918	ug/l	96
91) 1,2-Dichlorobenzene	12.37	146	336471	53.518	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	58409	56.124	ug/l	94

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	217385	53.117	ug/l	96
94) Hexachlorobutadiene	13.76	225	97745	53.436	ug/l	98
95) Naphthalene	13.82	128	819405	61.757	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	216970	54.247	ug/l	97

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

