

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121020\
 Data File : VX019837.D
 Acq On : 10 Dec 2020 19:46
 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
 12/11/2020 5:36:28 PM

Quant Time: Dec 11 02:44:11 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	263839	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	438974	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	404959	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	208490	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	166974	48.15	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.30%
35) Dibromofluoromethane	5.46	113	135455	47.75	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.50%
50) Toluene-d8	8.70	98	518056	47.83	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.66%
62) 4-Bromofluorobenzene	11.12	95	198971	48.27	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.54%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	122819	50.845	ug/l	100
3) Chloromethane	1.31	50	133086	46.848	ug/l	99
4) Vinyl Chloride	1.39	62	157585	52.609	ug/l	98
5) Bromomethane	1.62	94	47665	47.924	ug/l	100
6) Chloroethane	1.70	64	99275	55.172	ug/l	97
7) Trichlorofluoromethane	1.91	101	220910	52.956	ug/l	95
8) Diethyl Ether	2.17	74	92117	52.109	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	129531	54.173	ug/l	100
10) Methyl Iodide	2.49	142	171787	48.742	ug/l	99
11) Tert butyl alcohol	3.01	59	196276	275.592	ug/l	100
12) 1,1-Dichloroethene	2.36	96	128465	53.143	ug/l	99
13) Acrolein	2.27	56	87430	228.421	ug/l	99
14) Allyl chloride	2.70	41	213189	52.218	ug/l	98
15) Acrylonitrile	3.11	53	431946	275.543	ug/l	99
16) Acetone	2.42	43	336844	258.437	ug/l	99
17) Carbon Disulfide	2.55	76	327153	47.166	ug/l	99
18) Methyl Acetate	2.75	43	184264	57.772	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	478058	54.303	ug/l	100
20) Methylene Chloride	2.83	84	158674	53.422	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	147610	52.376	ug/l	98
22) Diisopropyl ether	3.82	45	454807	55.098	ug/l	94
23) Vinyl Acetate	3.78	43	1952549	277.646	ug/l	99
24) 1,1-Dichloroethane	3.67	63	268530	53.946	ug/l	99
25) 2-Butanone	4.63	43	548984	274.109	ug/l	99
26) 2,2-Dichloropropane	4.54	77	204885	47.796	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	171862	52.109	ug/l	99
28) Bromochloromethane	4.98	49	116484	49.089	ug/l	100
29) Tetrahydrofuran	5.09	42	353330	273.820	ug/l	99
30) Chloroform	5.17	83	276504	54.023	ug/l	99
31) Cyclohexane	5.55	56	226763	52.571	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	237486	53.880	ug/l	100
36) 1,1-Dichloropropene	5.77	75	200323	50.501	ug/l	99
37) Ethyl Acetate	4.79	43	210227	52.490	ug/l	100
38) Carbon Tetrachloride	5.75	117	200507	51.618	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	240270	51.555	ug/l	99
40) Benzene	6.11	78	626577	51.710	ug/l	100
41) Methacrylonitrile	5.00	41	114782	52.198	ug/l	98
42) 1,2-Dichloroethane	6.16	62	215625	52.083	ug/l	100
43) Isopropyl Acetate	6.41	43	339138	52.084	ug/l	100
44) Trichloroethene	7.18	130	162299	51.049	ug/l	98
45) 1,2-Dichloropropane	7.49	63	160541	53.012	ug/l	98
46) Dibromomethane	7.63	93	107138	52.387	ug/l	100
47) Bromodichloromethane	7.87	83	214573	52.874	ug/l	99
48) Methyl methacrylate	7.74	41	168310	52.558	ug/l	99
49) 1,4-Dioxane	7.71	88	83480	1076.096	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1086922	273.410	ug/l	100
52) Toluene	8.76	92	388951	51.323	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	232060	51.531	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	254805	52.081	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	163271	53.460	ug/l	98
56) Ethyl methacrylate	9.16	69	250031	54.111	ug/l	99
57) 1,3-Dichloropropane	9.35	76	273085	52.367	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	659340	269.355	ug/l	99
59) 2-Hexanone	9.47	43	830349	269.464	ug/l	100
60) Dibromochloromethane	9.56	129	168942	54.447	ug/l	100
61) 1,2-Dibromoethane	9.65	107	169989	52.417	ug/l	99
64) Tetrachloroethene	9.32	164	140591	51.769	ug/l	95
65) Chlorobenzene	10.12	112	415093	51.450	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	159223	54.831	ug/l	99
67) Ethyl Benzene	10.23	91	750913	52.435	ug/l	99
68) m/p-Xylenes	10.34	106	568706	105.388	ug/l	99
69) o-Xylene	10.68	106	271677	52.336	ug/l	100
70) Styrene	10.69	104	465971	53.182	ug/l	99
71) Bromoform	10.84	173	122054	53.429	ug/l #	98
73) Isopropylbenzene	11.00	105	733157	51.471	ug/l	100
74) N-amyl acetate	10.88	43	294644	51.618	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	262008	52.174	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	241008m	51.541	ug/l	
77) Bromobenzene	11.24	156	184307	50.562	ug/l	99
78) n-propylbenzene	11.34	91	844828	51.930	ug/l	99
79) 2-Chlorotoluene	11.40	91	505097	50.416	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	620707	51.633	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	81867	50.611	ug/l	99
82) 4-Chlorotoluene	11.49	91	595214	50.728	ug/l	99
83) tert-Butylbenzene	11.76	119	610697	51.797	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	627103	51.786	ug/l	100
85) sec-Butylbenzene	11.93	105	705496	52.410	ug/l	100
86) p-Isopropyltoluene	12.05	119	641865	52.029	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	328359	49.080	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	335261	49.201	ug/l	99
89) n-Butylbenzene	12.37	91	560796	51.308	ug/l	100
90) Hexachloroethane	12.58	117	111234	52.226	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	329704	50.554	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	56726	52.545	ug/l	96

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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	222966	52.519	ug/l	99
94) Hexachlorobutadiene	13.76	225	95246	50.195	ug/l	98
95) Naphthalene	13.82	128	746223	54.217	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	216691	52.227	ug/l	99

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

