

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX033020\
 Data File : VX015423.D
 Acq On : 30 Mar 2020 12:49
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 3/31/2020 11:05:21 AM

Quant Time: Mar 31 08:00:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1145996	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1770701	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1635076	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	853616	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	753146	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	
35) Dibromofluoromethane	5.47	113	552791	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
50) Toluene-d8	8.70	98	2018930	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
62) 4-Bromofluorobenzene	11.12	95	823993	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	502916	49.811	ug/l	98
3) Chloromethane	1.31	50	592525	46.083	ug/l	99
4) Vinyl Chloride	1.39	62	553916	46.917	ug/l	97
5) Bromomethane	1.62	94	328117	62.277	ug/l	97
6) Chloroethane	1.71	64	336932	46.015	ug/l	99
7) Trichlorofluoromethane	1.92	101	785718	49.625	ug/l	100
8) Diethyl Ether	2.17	74	307164	45.995	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	516323	50.023	ug/l	99
10) Methyl Iodide	2.49	142	640199	46.004	ug/l	98
11) Tert butyl alcohol	3.01	59	649554	167.899	ug/l	99
12) 1,1-Dichloroethene	2.36	96	508053	46.958	ug/l	97
13) Acrolein	2.27	56	503465	228.454	ug/l	99
14) Allyl chloride	2.70	41	1152143	45.574	ug/l	97
15) Acrylonitrile	3.11	53	1599860	216.845	ug/l	100
16) Acetone	2.42	43	1420051	204.500	ug/l	100
17) Carbon Disulfide	2.55	76	1528852	46.321	ug/l	100
18) Methyl Acetate	2.75	43	743688	41.962	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	1944389	46.337	ug/l	99
20) Methylene Chloride	2.83	84	583051	44.952	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	554872	46.210	ug/l	98
22) Diisopropyl ether	3.82	45	2124427	47.424	ug/l	100
23) Vinyl Acetate	3.78	43	9514225	234.576	ug/l	99
24) 1,1-Dichloroethane	3.67	63	1067540	45.261	ug/l	99
25) 2-Butanone	4.63	43	2275218	203.737	ug/l	98
26) 2,2-Dichloropropane	4.55	77	971152	50.163	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	639070	46.003	ug/l	97
28) Bromochloromethane	4.98	49	520986	46.264	ug/l	98
29) Tetrahydrofuran	5.09	42	1489268	207.441	ug/l	100
30) Chloroform	5.18	83	1048773	46.218	ug/l	95
31) Cyclohexane	5.55	56	1003793	49.059	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	958451	46.671	ug/l	100
36) 1,1-Dichloropropene	5.77	75	796904	48.845	ug/l	99
37) Ethyl Acetate	4.79	43	932889	43.914	ug/l	100
38) Carbon Tetrachloride	5.75	117	849419	48.069	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	980368	52.116	ug/l	100
40) Benzene	6.11	78	2297124	48.066	ug/l	98
41) Methacrylonitrile	5.00	41	539799	45.774	ug/l	98
42) 1,2-Dichloroethane	6.16	62	925785	48.226	ug/l	99
43) Isopropyl Acetate	6.41	43	1641199	45.766	ug/l	100
44) Trichloroethene	7.18	130	637128	48.882	ug/l	97
45) 1,2-Dichloropropane	7.49	63	625688	47.858	ug/l	98
46) Dibromomethane	7.64	93	411035	47.928	ug/l	99
47) Bromodichloromethane	7.87	83	884450	48.399	ug/l	98
48) Methyl methacrylate	7.75	41	825583	46.091	ug/l	99
49) 1,4-Dioxane	7.72	88	248119	742.536	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	4549526	223.859	ug/l	100
52) Toluene	8.76	92	1447530	49.128	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	1042366	48.636	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	1092172	50.026	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	585123	48.470	ug/l	97
56) Ethyl methacrylate	9.16	69	1018302	47.864	ug/l	100
57) 1,3-Dichloropropane	9.36	76	1030651	47.387	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	2437539	235.552	ug/l	99
59) 2-Hexanone	9.47	43	3391678	221.049	ug/l	100
60) Dibromochloromethane	9.56	129	720520	49.671	ug/l	99
61) 1,2-Dibromoethane	9.65	107	641950	48.906	ug/l	99
64) Tetrachloroethene	9.32	164	578980	46.921	ug/l	96
65) Chlorobenzene	10.12	112	1560974	47.870	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	626625	48.101	ug/l	99
67) Ethyl Benzene	10.23	91	2847534	49.236	ug/l	97
68) m/p-Xylenes	10.34	106	2131509	98.977	ug/l	100
69) o-Xylene	10.68	106	1027631	48.290	ug/l	97
70) Styrene	10.70	104	1829519	48.856	ug/l	100
71) Bromoform	10.84	173	548356	46.239	ug/l #	100
73) Isopropylbenzene	11.00	105	2790519	49.892	ug/l	100
74) N-amyl acetate	10.88	43	1472125	47.324	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	876424	45.666	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	834015m	47.512	ug/l	
77) Bromobenzene	11.24	156	725852	48.653	ug/l	99
78) n-propylbenzene	11.34	91	3243609	50.717	ug/l	100
79) 2-Chlorotoluene	11.40	91	1931292	49.268	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	2351709	49.233	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	343885	47.006	ug/l	99
82) 4-Chlorotoluene	11.49	91	2276391	49.536	ug/l	100
83) tert-Butylbenzene	11.76	119	2335128	50.048	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	2439264	50.112	ug/l	100
85) sec-Butylbenzene	11.93	105	2721228	50.429	ug/l	100
86) p-Isopropyltoluene	12.05	119	2550549	50.914	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1290092	48.304	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	1350352	49.637	ug/l	99
89) n-Butylbenzene	12.37	91	2375245	52.469	ug/l	99
90) Hexachloroethane	12.58	117	474726	48.688	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	1260682	48.234	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	217810	40.210	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1011941	48.947	ug/l	98
94) Hexachlorobutadiene	13.77	225	492638	50.049	ug/l	97
95) Naphthalene	13.82	128	3021357	47.910	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	1017701	51.128	ug/l	100

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

