

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041020\
 Data File : VX015612.D
 Acq On : 10 Apr 2020 11:46
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 4/13/2020 1:23:59 PM

Quant Time: Apr 11 00:51:57 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	1187266	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1791431	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1638680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	884210	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	777169	46.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.82%	
35) Dibromofluoromethane	5.47	113	570382	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
50) Toluene-d8	8.70	98	2086337	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
62) 4-Bromofluorobenzene	11.12	95	864402	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	465169	44.471	ug/l	98
3) Chloromethane	1.31	50	564260	42.359	ug/l	98
4) Vinyl Chloride	1.39	62	548291	44.826	ug/l	99
5) Bromomethane	1.62	94	299399	53.700	ug/l	97
6) Chloroethane	1.71	64	351146	46.289	ug/l	99
7) Trichlorofluoromethane	1.92	101	785313	47.875	ug/l	97
8) Diethyl Ether	2.17	74	322557	46.621	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	519369	48.569	ug/l	99
10) Methyl Iodide	2.49	142	695968	48.273	ug/l	100
11) Tert butyl alcohol	3.01	59	674522	168.293	ug/l	99
12) 1,1-Dichloroethene	2.36	96	495375	44.194	ug/l	97
13) Acrolein	2.27	56	395344	173.157	ug/l	99
14) Allyl chloride	2.70	41	1123512	42.897	ug/l	97
15) Acrylonitrile	3.11	53	1598516	209.131	ug/l	100
16) Acetone	2.42	43	1887776	262.407	ug/l	100
17) Carbon Disulfide	2.55	76	1375918	40.239	ug/l	100
18) Methyl Acetate	2.75	43	784311	42.715	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	1949244	44.838	ug/l	99
20) Methylene Chloride	2.83	84	578516	43.052	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	549051	44.136	ug/l	96
22) Diisopropyl ether	3.83	45	2087228	44.974	ug/l	90
23) Vinyl Acetate	3.78	43	9220595	219.434	ug/l	99
24) 1,1-Dichloroethane	3.67	63	1076282	44.046	ug/l	100
25) 2-Butanone	4.63	43	2509253	216.884	ug/l	98
26) 2,2-Dichloropropane	4.55	77	979758	48.848	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	656783	45.634	ug/l	99
28) Bromochloromethane	4.98	49	557928	47.822	ug/l	98
29) Tetrahydrofuran	5.09	42	1487016	199.927	ug/l	99
30) Chloroform	5.18	83	1063597	45.242	ug/l	97
31) Cyclohexane	5.55	56	941476	44.414	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	958942	45.072	ug/l	100
36) 1,1-Dichloropropene	5.77	75	788634	47.779	ug/l	99
37) Ethyl Acetate	4.80	43	928461	43.200	ug/l	100
38) Carbon Tetrachloride	5.75	117	843234	47.167	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	937915	49.282	ug/l	99
40) Benzene	6.11	78	2296768	47.502	ug/l	97
41) Methacrylonitrile	5.00	41	539670	45.234	ug/l	99
42) 1,2-Dichloroethane	6.16	62	939613	48.380	ug/l	100
43) Isopropyl Acetate	6.41	43	1611940	44.430	ug/l	99
44) Trichloroethene	7.19	130	647716	49.120	ug/l	97
45) 1,2-Dichloropropane	7.49	63	625219	47.269	ug/l	98
46) Dibromomethane	7.64	93	404589	46.630	ug/l	95
47) Bromodichloromethane	7.87	83	880966	47.651	ug/l	99
48) Methyl methacrylate	7.75	41	818115	45.145	ug/l	99
49) 1,4-Dioxane	7.72	88	262829	777.456	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	4611606	224.288	ug/l	100
52) Toluene	8.76	92	1469695	49.303	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	1012603	46.700	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	1067334	48.323	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	595954	48.796	ug/l	98
56) Ethyl methacrylate	9.16	69	993741	46.169	ug/l	99
57) 1,3-Dichloropropane	9.36	76	1031258	46.867	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	2556762	244.214	ug/l	99
59) 2-Hexanone	9.47	43	3593254	231.477	ug/l	99
60) Dibromochloromethane	9.57	129	706004	48.107	ug/l	99
61) 1,2-Dibromoethane	9.65	107	638786	48.102	ug/l	99
64) Tetrachloroethene	9.32	164	621086	50.222	ug/l	94
65) Chlorobenzene	10.12	112	1613396	49.369	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	646097	49.487	ug/l	100
67) Ethyl Benzene	10.24	91	2874186	49.588	ug/l	100
68) m/p-Xylenes	10.34	106	2183537	101.170	ug/l	99
69) o-Xylene	10.68	106	1060312	49.716	ug/l	99
70) Styrene	10.70	104	1843660	49.126	ug/l	100
71) Bromoform	10.84	173	569603	47.925	ug/l #	99
73) Isopropylbenzene	11.00	105	2868375	49.510	ug/l	100
74) N-amyl acetate	10.88	43	1420676	44.090	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	899129	45.228	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	850469m	46.773	ug/l	
77) Bromobenzene	11.24	156	763751	49.423	ug/l	97
78) n-propylbenzene	11.34	91	3271511	49.383	ug/l	99
79) 2-Chlorotoluene	11.40	91	1956414	48.182	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	2424457	49.000	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	337069	44.480	ug/l	98
82) 4-Chlorotoluene	11.50	91	2313701	48.606	ug/l	99
83) tert-Butylbenzene	11.76	119	2406237	49.788	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	2459001	48.770	ug/l	99
85) sec-Butylbenzene	11.93	105	2795848	50.019	ug/l	100
86) p-Isopropyltoluene	12.05	119	2730100	52.613	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	1388375	50.186	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	1417435	50.301	ug/l	97
89) n-Butylbenzene	12.37	91	2399858	51.178	ug/l	98
90) Hexachloroethane	12.58	117	477363	47.265	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	1356472	50.103	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	220643	39.324	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1097272	51.238	ug/l	98
94) Hexachlorobutadiene	13.77	225	528768	51.860	ug/l	98
95) Naphthalene	13.82	128	3120423	47.768	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	1062455	51.529	ug/l	97

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

