

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041520\
 Data File : VX015699.D
 Acq On : 15 Apr 2020 21:17
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/16/2020 11:03:00 AM

Quant Time: Apr 16 07:52:24 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	1007803	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1529005	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1408998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	763950	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	609294	42.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.74%	
35) Dibromofluoromethane	5.47	113	465133	47.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.18%	
50) Toluene-d8	8.70	98	1719287	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	
62) 4-Bromofluorobenzene	11.12	95	704613	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	364626	41.066	ug/l	99
3) Chloromethane	1.31	50	460469	40.723	ug/l	98
4) Vinyl Chloride	1.39	62	474234	45.676	ug/l	98
5) Bromomethane	1.62	94	242822	50.878	ug/l	99
6) Chloroethane	1.70	64	297681	46.229	ug/l	98
7) Trichlorofluoromethane	1.91	101	642002	46.108	ug/l	97
8) Diethyl Ether	2.17	74	269652	45.914	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	428728	47.232	ug/l	97
10) Methyl Iodide	2.49	142	404412	33.045	ug/l	99
11) Tert butyl alcohol	3.01	59	671340	197.326	ug/l	99
12) 1,1-Dichloroethene	2.36	96	429571	45.148	ug/l	96
13) Acrolein	2.27	56	586565	302.659	ug/l	99
14) Allyl chloride	2.71	41	924987	41.606	ug/l	99
15) Acrylonitrile	3.12	53	1478778	227.917	ug/l	99
16) Acetone	2.42	43	1300594	212.980	ug/l	99
17) Carbon Disulfide	2.55	76	1086526	37.434	ug/l	100
18) Methyl Acetate	2.75	43	717223	46.017	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	1635653	44.324	ug/l	100
20) Methylene Chloride	2.83	84	492977	43.220	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	465671	44.100	ug/l	97
22) Diisopropyl ether	3.83	45	1766229	44.834	ug/l	95
23) Vinyl Acetate	3.79	43	7847198	220.005	ug/l	99
24) 1,1-Dichloroethane	3.67	63	906406	43.699	ug/l	99
25) 2-Butanone	4.64	43	2122484	216.122	ug/l	100
26) 2,2-Dichloropropane	4.55	77	697070	40.943	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	553612	45.316	ug/l	98
28) Bromochloromethane	4.98	49	440276	44.458	ug/l	96
29) Tetrahydrofuran	5.09	42	1376229	217.981	ug/l	99
30) Chloroform	5.19	83	894088	44.804	ug/l	100
31) Cyclohexane	5.55	56	791543	43.990	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	811166	44.916	ug/l	99
36) 1,1-Dichloropropene	5.78	75	662696	47.040	ug/l	99
37) Ethyl Acetate	4.80	43	835798	45.563	ug/l	100
38) Carbon Tetrachloride	5.76	117	712349	46.684	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	768713	47.324	ug/l	96
40) Benzene	6.12	78	1963366	47.576	ug/l	97
41) Methacrylonitrile	5.01	41	486155	47.742	ug/l	98
42) 1,2-Dichloroethane	6.17	62	759769	45.834	ug/l	98
43) Isopropyl Acetate	6.42	43	1390695	44.910	ug/l	99
44) Trichloroethene	7.19	130	559214	49.687	ug/l	94
45) 1,2-Dichloropropane	7.49	63	531877	47.114	ug/l	98
46) Dibromomethane	7.64	93	345096	46.600	ug/l	95
47) Bromodichloromethane	7.88	83	723058	45.822	ug/l	95
48) Methyl methacrylate	7.75	41	704630	45.556	ug/l	96
49) 1,4-Dioxane	7.72	88	275463	954.678	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	4180438	238.214	ug/l	99
52) Toluene	8.77	92	1259918	49.520	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	817836	44.192	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	867158	45.998	ug/l	94
55) 1,1,2-Trichloroethane	9.20	97	518966	49.786	ug/l	97
56) Ethyl methacrylate	9.16	69	858955	46.756	ug/l	97
57) 1,3-Dichloropropane	9.36	76	880063	46.860	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	2107589	235.861	ug/l	98
59) 2-Hexanone	9.48	43	3178071	239.869	ug/l	99
60) Dibromochloromethane	9.57	129	607553	48.504	ug/l	99
61) 1,2-Dibromoethane	9.65	107	536698	47.351	ug/l	98
64) Tetrachloroethene	9.32	164	535638	50.373	ug/l	97
65) Chlorobenzene	10.12	112	1370289	48.765	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	543271	48.394	ug/l	100
67) Ethyl Benzene	10.24	91	2403496	48.227	ug/l	98
68) m/p-Xylenes	10.34	106	1839663	99.132	ug/l	98
69) o-Xylene	10.68	106	906164	49.414	ug/l	98
70) Styrene	10.70	104	1566450	48.543	ug/l	99
71) Bromoform	10.84	173	477104	46.686	ug/l #	98
73) Isopropylbenzene	11.00	105	2384154	47.630	ug/l	99
74) N-amyl acetate	10.88	43	1182270	42.467	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	788473	45.906	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	734113m	46.729	ug/l	
77) Bromobenzene	11.24	156	652763	48.890	ug/l	93
78) n-propylbenzene	11.34	91	2712228	47.386	ug/l	99
79) 2-Chlorotoluene	11.40	91	1634965	46.604	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	1994027	46.645	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	267190	40.809	ug/l	99
82) 4-Chlorotoluene	11.50	91	1920620	46.700	ug/l	98
83) tert-Butylbenzene	11.76	119	2064395	49.439	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	2062800	47.352	ug/l	99
85) sec-Butylbenzene	11.93	105	2325907	48.162	ug/l	100
86) p-Isopropyltoluene	12.05	119	2211435	49.326	ug/l	97
87) 1,3-Dichlorobenzene	12.01	146	1148258	48.040	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	1173733	48.209	ug/l	99
89) n-Butylbenzene	12.37	91	1936473	47.797	ug/l	99
90) Hexachloroethane	12.58	117	383935	43.998	ug/l	96
91) 1,2-Dichlorobenzene	12.37	146	1139251	48.704	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	194258	40.071	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	920859	49.769	ug/l	97
94) Hexachlorobutadiene	13.77	225	410451	46.593	ug/l	96
95) Naphthalene	13.82	128	2744419	48.626	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	879718	49.383	ug/l	94

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

