

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111519\
 Data File : VX013445.D
 Acq On : 15 Nov 2019 14:49
 Operator : JC/SP
 Sample : K5884-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0162MS

Manual Integrations
 APPROVED

MMDadoda
 11/18/2019 10:24:17 AM

Quant Time: Nov 16 00:55:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	626139	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	964994	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	869589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	433706	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	354168	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	
35) Dibromofluoromethane	5.48	113	296026	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
50) Toluene-d8	8.71	98	1120785	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
62) 4-Bromofluorobenzene	11.14	95	392720	47.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	328115	45.481	ug/l	97
3) Chloromethane	1.31	50	356437	45.560	ug/l	98
4) Vinyl Chloride	1.40	62	447349	50.226	ug/l	100
5) Bromomethane	1.62	94	206270	33.232	ug/l	100
6) Chloroethane	1.71	64	236485	46.361	ug/l	99
7) Trichlorofluoromethane	1.92	101	470545	44.716	ug/l	99
8) Diethyl Ether	2.17	74	219062	47.076	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	290821	49.585	ug/l	98
10) Methyl Iodide	2.50	142	254549	35.055	ug/l	97
11) Tert butyl alcohol	3.04	59	420740	215.197	ug/l	99
12) 1,1-Dichloroethene	2.36	96	289391	50.386	ug/l	97
13) Acrolein	2.28	56	257048	242.583	ug/l	98
14) Allyl chloride	2.72	41	533133	51.088	ug/l	95
15) Acrylonitrile	3.13	53	961221	263.196	ug/l	99
16) Acetone	2.43	43	812085	219.486	ug/l	99
17) Carbon Disulfide	2.56	76	718076	46.711	ug/l	99
18) Methyl Acetate	2.76	43	537890	52.658	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	995989	51.993	ug/l	98
20) Methylene Chloride	2.84	84	334565	48.941	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	311797	49.859	ug/l	96
22) Diisopropyl ether	3.84	45	1077886	53.500	ug/l	98
23) Vinyl Acetate	3.80	43	4423489	256.584	ug/l	100
24) 1,1-Dichloroethane	3.69	63	576332	51.136	ug/l	98
25) 2-Butanone	4.65	43	1338349	246.570	ug/l	100
26) 2,2-Dichloropropane	4.57	77	449464	50.130	ug/l	96
27) cis-1,2-Dichloroethene	4.58	96	473218	67.551	ug/l	97
28) Bromochloromethane	5.00	49	173206	54.126	ug/l	99
29) Tetrahydrofuran	5.11	42	864146	258.349	ug/l	100
30) Chloroform	5.20	83	565518	50.815	ug/l	97
31) Cyclohexane	5.57	56	501845	49.484	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	476401	49.742	ug/l	99
36) 1,1-Dichloropropene	5.79	75	418565	50.561	ug/l	99
37) Ethyl Acetate	4.82	43	508848	49.744	ug/l	100
38) Carbon Tetrachloride	5.77	117	408035	50.404	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	506424	49.095	ug/l	97
40) Benzene	6.14	78	1309843	50.794	ug/l	99
41) Methacrylonitrile	5.03	41	290700	50.701	ug/l	99
42) 1,2-Dichloroethane	6.18	62	460127	49.468	ug/l	99
43) Isopropyl Acetate	6.43	43	817916	51.348	ug/l	99
44) Trichloroethene	7.20	130	350428	49.368	ug/l	100
45) 1,2-Dichloropropane	7.51	63	343999	52.356	ug/l	98
46) Dibromomethane	7.65	93	224691	50.086	ug/l	99
47) Bromodichloromethane	7.89	83	441360	52.173	ug/l	99
48) Methyl methacrylate	7.76	41	418394	52.619	ug/l	97
49) 1,4-Dioxane	7.73	88	163810	899.583	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2670243	255.506	ug/l	99
52) Toluene	8.78	92	822729	51.476	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	491207	53.101	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	539411	52.129	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	345488	52.152	ug/l	98
56) Ethyl methacrylate	9.17	69	558035	49.362	ug/l	96
57) 1,3-Dichloropropane	9.37	76	578746	51.464	ug/l	100
59) 2-Hexanone	9.49	43	2045065	253.223	ug/l	98
60) Dibromochloromethane	9.58	129	360176	53.161	ug/l	99
61) 1,2-Dibromoethane	9.67	107	362921	51.591	ug/l	99
64) Tetrachloroethene	9.33	164	293892	47.211	ug/l	99
65) Chlorobenzene	10.14	112	884842	50.260	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	336174	52.006	ug/l	100
67) Ethyl Benzene	10.25	91	1555800	51.203	ug/l	99
68) m/p-Xylenes	10.35	106	1184704	103.096	ug/l	100
69) o-Xylene	10.70	106	577391	51.322	ug/l	99
70) Stvrene	10.71	104	992143	52.756	ug/l	99
71) Bromoform	10.85	173	281419	47.149	ug/l #	99
73) Isopropylbenzene	11.01	105	1533239	53.320	ug/l	100
74) N-amyl acetate	10.89	43	726011	54.446	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	563861	53.750	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	435412m	49.427	ug/l	
77) Bromobenzene	11.25	156	399852	52.160	ug/l	99
78) n-propylbenzene	11.35	91	1725744	53.876	ug/l	100
79) 2-Chlorotoluene	11.42	91	1015270	52.607	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1276477	53.294	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	180945	52.871	ug/l	97
82) 4-Chlorotoluene	11.51	91	1170780	51.824	ug/l	100
83) tert-Butylbenzene	11.77	119	1304958	54.123	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1272894	52.978	ug/l	99
85) sec-Butylbenzene	11.94	105	1477415	53.316	ug/l	100
86) p-Isopropyltoluene	12.06	119	1362735	53.406	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	695945	50.931	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	701496	50.388	ug/l	99
89) n-Butylbenzene	12.39	91	1148329	51.576	ug/l	100
90) Hexachloroethane	12.59	117	247189	54.372	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	701098	51.329	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	119504	46.758	ug/l	97
93) 1,2,4-Trichlorobenzene	13.64	180	464360	48.738	ug/l	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	217815	46.728	ug/l	99
95) Naphthalene	13.83	128	1486773	49.736	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	473575	49.563	ug/l	100

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

