

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120319\
 Data File : VX013733.D
 Acq On : 03 Dec 2019 18:31
 Operator : JC/SP
 Sample : K5984-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S39-0191MSD

Manual Integrations
 APPROVED

apatel
 12/4/2019 1:52:29 PM

Quant Time: Dec 04 02:55:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	639292	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	994465	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	898557	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	447207	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	360213	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
35) Dibromofluoromethane	5.49	113	301437	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
50) Toluene-d8	8.71	98	1137085	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	
62) 4-Bromofluorobenzene	11.14	95	409064	47.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	346829	48.741	ug/l	97
3) Chloromethane	1.32	50	370606	46.417	ug/l	99
4) Vinyl Chloride	1.40	62	457101	50.865	ug/l	99
5) Bromomethane	1.63	94	236137	39.127	ug/l	99
6) Chloroethane	1.71	64	243900	47.695	ug/l	96
7) Trichlorofluoromethane	1.92	101	488468	48.951	ug/l	98
8) Diethyl Ether	2.18	74	223840	49.583	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	290026	47.583	ug/l	98
10) Methyl Iodide	2.50	142	313129	42.470	ug/l	99
11) Tert butyl alcohol	3.03	59	401732	219.325	ug/l	98
12) 1,1-Dichloroethene	2.36	96	299543	49.235	ug/l	99
13) Acrolein	2.28	56	272450	223.075	ug/l	100
14) Allyl chloride	2.72	41	540688	48.972	ug/l	99
15) Acrylonitrile	3.13	53	937273	247.896	ug/l	99
16) Acetone	2.43	43	784688	214.178	ug/l	99
17) Carbon Disulfide	2.56	76	805989	46.472	ug/l	100
18) Methyl Acetate	2.76	43	516898	50.666	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	1016012	50.411	ug/l	100
20) Methylene Chloride	2.85	84	339491	48.233	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	321503	48.508	ug/l	99
22) Diisopropyl ether	3.84	45	1081967	50.893	ug/l	97
23) Vinyl Acetate	3.80	43	4334078	245.061	ug/l	100
24) 1,1-Dichloroethane	3.69	63	585239	50.357	ug/l	99
25) 2-Butanone	4.66	43	1311725	240.906	ug/l	100
26) 2,2-Dichloropropane	4.58	77	427566	44.466	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	371091	48.755	ug/l	98
28) Bromochloromethane	5.00	49	247910	53.980	ug/l	100
29) Tetrahydrofuran	5.11	42	843442	251.275	ug/l	100
30) Chloroform	5.20	83	569120	48.286	ug/l	99
31) Cyclohexane	5.57	56	526675	48.047	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	490422	49.792	ug/l	100
36) 1,1-Dichloropropene	5.79	75	431006	47.745	ug/l	99
37) Ethyl Acetate	4.82	43	496058	48.983	ug/l	100
38) Carbon Tetrachloride	5.78	117	417960	50.212	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	522604	46.835	ug/l	98
40) Benzene	6.14	78	1327387	48.279	ug/l	99
41) Methacrylonitrile	5.03	41	282470	50.859	ug/l	99
42) 1,2-Dichloroethane	6.18	62	465013	49.593	ug/l	99
43) Isopropyl Acetate	6.43	43	804201	48.235	ug/l	100
44) Trichloroethene	7.21	130	359007	47.578	ug/l	95
45) 1,2-Dichloropropane	7.51	63	343912	49.995	ug/l	99
46) Dibromomethane	7.65	93	225580	48.283	ug/l	99
47) Bromodichloromethane	7.89	83	452197	51.199	ug/l	98
48) Methyl methacrylate	7.76	41	415848	51.334	ug/l	99
49) 1,4-Dioxane	7.73	88	155318	856.562	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2605731	248.462	ug/l	100
52) Toluene	8.78	92	843486	49.383	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	497166	49.453	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	548975	49.982	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	344036	49.983	ug/l	98
56) Ethyl methacrylate	9.17	69	555447	50.193	ug/l	100
57) 1,3-Dichloropropane	9.37	76	577251	48.655	ug/l	100
59) 2-Hexanone	9.49	43	1984620	242.636	ug/l	100
60) Dibromochloromethane	9.58	129	364552	51.035	ug/l	100
61) 1,2-Dibromoethane	9.67	107	361465	49.170	ug/l	98
64) Tetrachloroethene	9.33	164	393548	58.731	ug/l	99
65) Chlorobenzene	10.14	112	900719	48.281	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	337897	50.439	ug/l	99
67) Ethyl Benzene	10.24	91	1578399	49.236	ug/l	98
68) m/p-Xylenes	10.35	106	1204691	98.153	ug/l	100
69) o-Xylene	10.70	106	590588	49.337	ug/l	99
70) Styrene	10.71	104	1016986	50.505	ug/l	99
71) Bromoform	10.85	173	282362	50.940	ug/l	98
73) Isopropylbenzene	11.01	105	1560900	49.758	ug/l	100
74) N-amyl acetate	10.89	43	714861	49.746	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	549705	50.529	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	418679m	41.625	ug/l	
77) Bromobenzene	11.25	156	410169	48.399	ug/l	99
78) n-propylbenzene	11.35	91	1763649	50.363	ug/l	100
79) 2-Chlorotoluene	11.42	91	1038200	49.423	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1334413	51.902	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	177617	48.310	ug/l	99
82) 4-Chlorotoluene	11.51	91	1184808	48.697	ug/l	99
83) tert-Butylbenzene	11.77	119	1342959	51.397	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1405433	53.861	ug/l	100
85) sec-Butylbenzene	11.94	105	1541069	51.635	ug/l	99
86) p-Isopropyltoluene	12.06	119	1398766	50.379	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	714869	48.391	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	709104	47.126	ug/l	100
89) n-Butylbenzene	12.38	91	1190939	50.291	ug/l	99
90) Hexachloroethane	12.59	117	258049	51.418	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	715355	49.010	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	118958	50.213	ug/l	98
93) 1,2,4-Trichlorobenzene	13.64	180	484650	47.644	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	220021	45.025	ug/l	100
95) Naphthalene	13.83	128	1580650	52.177	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	487800	48.432	ug/l	99

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

