

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122419\
 Data File : VX014256.D
 Acq On : 24 Dec 2019 19:31
 Operator : JC/SP
 Sample : K6405-08MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 996-MW-15-(17)MSD

Manual Integrations
 APPROVED

apatel
 12/26/2019 9:24:50 AM

Quant Time: Dec 25 08:44:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	488343	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	767359	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	695552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	343564	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	282953	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
35) Dibromofluoromethane	5.49	113	241087	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
50) Toluene-d8	8.71	98	918443	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
62) 4-Bromofluorobenzene	11.14	95	328698	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	191163	43.756	ug/l	99
3) Chloromethane	1.32	50	274381	46.798	ug/l	99
4) Vinyl Chloride	1.40	62	292317	47.250	ug/l	100
5) Bromomethane	1.63	94	202870	46.202	ug/l	99
6) Chloroethane	1.72	64	189100	49.525	ug/l	93
7) Trichlorofluoromethane	1.92	101	371170	48.466	ug/l	99
8) Diethyl Ether	2.18	74	177483	49.380	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	221637	48.010	ug/l	100
10) Methyl Iodide	2.50	142	298033	49.009	ug/l	99
11) Tert butyl alcohol	3.03	59	323298	270.334	ug/l	98
12) 1,1-Dichloroethene	2.37	96	232133	49.416	ug/l	94
13) Acrolein	2.28	56	181420	265.008	ug/l	98
14) Allyl chloride	2.72	41	428885	51.135	ug/l	99
15) Acrylonitrile	3.13	53	750093	268.719	ug/l	99
16) Acetone	2.43	43	625974	174.211	ug/l	100
17) Carbon Disulfide	2.56	76	587298	45.109	ug/l	99
18) Methyl Acetate	2.76	43	353803	49.691	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	805079	52.155	ug/l	98
20) Methylene Chloride	2.85	84	273788	48.387	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	251092	48.518	ug/l	99
22) Diisopropyl ether	3.84	45	879598	52.627	ug/l	98
23) Vinyl Acetate	3.80	43	3464115	253.977	ug/l	99
24) 1,1-Dichloroethane	3.69	63	468929	50.428	ug/l	100
25) 2-Butanone	4.66	43	1041312	235.059	ug/l	99
26) 2,2-Dichloropropane	4.58	77	317761	44.012	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	294943	50.392	ug/l	98
28) Bromochloromethane	5.01	49	198920	55.572	ug/l	98
29) Tetrahydrofuran	5.11	42	682016	275.249	ug/l	99
30) Chloroform	5.20	83	452105	51.287	ug/l	98
31) Cyclohexane	5.58	56	411064	49.703	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	378086	50.325	ug/l	98
36) 1,1-Dichloropropene	5.79	75	332600	47.238	ug/l	99
37) Ethyl Acetate	4.82	43	380941	48.994	ug/l	100
38) Carbon Tetrachloride	5.78	117	319783	49.855	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	400357	46.051	ug/l	100
40) Benzene	6.14	78	1055542	48.723	ug/l	99
41) Methacrylonitrile	5.03	41	224651	52.074	ug/l	99
42) 1,2-Dichloroethane	6.18	62	361931	49.285	ug/l	99
43) Isopropyl Acetate	6.43	43	638787	49.643	ug/l	99
44) Trichloroethene	7.21	130	285721	47.749	ug/l	100
45) 1,2-Dichloropropane	7.51	63	282998	50.966	ug/l	95
46) Dibromomethane	7.65	93	177549	48.363	ug/l	99
47) Bromodichloromethane	7.89	83	352008	50.911	ug/l	100
48) Methyl methacrylate	7.76	41	326825	51.870	ug/l	99
49) 1,4-Dioxane	7.73	88	127560	994.815	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2099265	259.776	ug/l	99
52) Toluene	8.78	92	658898	48.118	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	384066	50.659	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	429180	50.814	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	274360	49.991	ug/l	98
56) Ethyl methacrylate	9.17	69	444852	51.602	ug/l	99
57) 1,3-Dichloropropane	9.37	76	466423	50.513	ug/l	100
59) 2-Hexanone	9.48	43	1592875	244.859	ug/l	100
60) Dibromochloromethane	9.57	129	286082	52.442	ug/l	100
61) 1,2-Dibromoethane	9.67	107	280500	49.954	ug/l	98
64) Tetrachloroethene	9.33	164	278570	45.261	ug/l	99
65) Chlorobenzene	10.14	112	706814	47.793	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	267372	50.633	ug/l	99
67) Ethyl Benzene	10.25	91	1251103	49.206	ug/l	100
68) m/p-Xylenes	10.35	106	955477	97.705	ug/l	100
69) o-Xylene	10.70	106	464689	48.451	ug/l	99
70) Styrene	10.71	104	801486	49.419	ug/l	99
71) Bromoform	10.85	173	221926	52.283	ug/l	100
73) Isopropylbenzene	11.01	105	1231823	50.924	ug/l	100
74) N-amyl acetate	10.89	43	534666	47.154	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	428492	51.094	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	344017m	46.123	ug/l	
77) Bromobenzene	11.25	156	319086	47.944	ug/l	99
78) n-propylbenzene	11.35	91	1379089	50.827	ug/l	100
79) 2-Chlorotoluene	11.42	91	819442	49.683	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1012595	49.739	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	136911	51.810	ug/l	99
82) 4-Chlorotoluene	11.51	91	931082	48.667	ug/l	99
83) tert-Butylbenzene	11.76	119	1010181	50.989	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	1022495	50.153	ug/l	100
85) sec-Butylbenzene	11.94	105	1165943	49.852	ug/l	100
86) p-Isopropyltoluene	12.06	119	1066974	49.873	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	547359	46.926	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	554118	46.720	ug/l	100
89) n-Butylbenzene	12.39	91	899766	49.289	ug/l	99
90) Hexachloroethane	12.59	117	193496	50.354	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	557681	47.494	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	89188	48.058	ug/l	97
93) 1,2,4-Trichlorobenzene	13.64	180	366460	48.017	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	173891	47.410	ug/l	98
95) Naphthalene	13.83	128	1147246	51.165	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	373104	49.524	ug/l	99

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

