

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030920\
 Data File : VX015153.D
 Acq On : 09 Mar 2020 19:07
 Operator : JC/SP
 Sample : L1842-16MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D2-20200305MSD

Manual Integrations
 APPROVED

MMDadoda
 3/11/2020 4:45:06 PM

Quant Time: Mar 10 11:48:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	349699	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	535402	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	507120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	268535	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	198678	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
35) Dibromofluoromethane	5.49	113	167043	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
50) Toluene-d8	8.71	98	632637	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	
62) 4-Bromofluorobenzene	11.13	95	228611	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	153633	50.171	ug/l	99
3) Chloromethane	1.32	50	207328	47.797	ug/l	99
4) Vinyl Chloride	1.40	62	206058	46.848	ug/l	98
5) Bromomethane	1.63	94	123194	45.558	ug/l	100
6) Chloroethane	1.72	64	123133	46.668	ug/l	97
7) Trichlorofluoromethane	1.92	101	242141	46.266	ug/l	100
8) Diethyl Ether	2.18	74	110186	46.482	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	164399	49.927	ug/l	99
10) Methyl Iodide	2.50	142	165354	44.449	ug/l	99
11) Tert butyl alcohol	3.03	59	188857	262.374	ug/l	99
12) 1,1-Dichloroethene	2.37	96	157806	46.437	ug/l	97
13) Acrolein	2.28	56	170822	252.529	ug/l	99
14) Allyl chloride	2.72	41	290729	49.065	ug/l	99
15) Acrylonitrile	3.13	53	473121	263.931	ug/l	100
16) Acetone	2.43	43	380220	226.300	ug/l	99
17) Carbon Disulfide	2.56	76	458674	48.602	ug/l	100
18) Methyl Acetate	2.76	43	192220	46.788	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	547102	51.520	ug/l	99
20) Methylene Chloride	2.85	84	187638	47.720	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	179840	49.562	ug/l	96
22) Diisopropyl ether	3.84	45	610162	51.685	ug/l	96
23) Vinyl Acetate	3.81	43	2427498	250.150	ug/l	99
24) 1,1-Dichloroethane	3.69	63	329417	50.277	ug/l	99
25) 2-Butanone	4.66	43	638838	259.717	ug/l	99
26) 2,2-Dichloropropane	4.57	77	221942	42.670	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	203389	49.963	ug/l	99
28) Bromochloromethane	5.00	49	149368	50.064	ug/l	99
29) Tetrahydrofuran	5.12	42	416978	262.981	ug/l	99
30) Chloroform	5.20	83	317449	49.710	ug/l	99
31) Cyclohexane	5.57	56	285241	48.807	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	270566	51.111	ug/l	98
36) 1,1-Dichloropropene	5.79	75	236571	47.796	ug/l	100
37) Ethyl Acetate	4.82	43	235200	51.228	ug/l	99
38) Carbon Tetrachloride	5.78	117	231953	49.647	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	285358	49.374	ug/l	97
40) Benzene	6.14	78	727388	49.534	ug/l	98
41) Methacrylonitrile	5.03	41	140101	50.802	ug/l	99
42) 1,2-Dichloroethane	6.19	62	259840	51.526	ug/l	97
43) Isopropyl Acetate	6.44	43	401861	49.754	ug/l	99
44) Trichloroethene	7.21	130	214166	52.368	ug/l	97
45) 1,2-Dichloropropane	7.51	63	188814	49.675	ug/l	99
46) Dibromomethane	7.65	93	124065	50.093	ug/l	99
47) Bromodichloromethane	7.89	83	251056	51.261	ug/l	100
48) Methyl methacrylate	7.76	41	208520	50.724	ug/l	99
49) 1,4-Dioxane	7.73	88	91751	1032.289	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1293096	270.776	ug/l	100
52) Toluene	8.78	92	457854	50.993	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	271733	52.126	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	291430	49.451	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	190796	51.628	ug/l	97
56) Ethyl methacrylate	9.17	69	289652	54.949	ug/l	99
57) 1,3-Dichloropropane	9.37	76	316901	50.970	ug/l	99
59) 2-Hexanone	9.48	43	980987	277.150	ug/l	100
60) Dibromochloromethane	9.57	129	201416	51.883	ug/l	100
61) 1,2-Dibromoethane	9.67	107	195966	50.485	ug/l	100
64) Tetrachloroethene	9.33	164	196064	46.761	ug/l	97
65) Chlorobenzene	10.14	112	496377	48.754	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	187061	48.726	ug/l	99
67) Ethyl Benzene	10.25	91	881508	50.988	ug/l	100
68) m/p-Xylenes	10.36	106	672434	102.229	ug/l	100
69) o-Xylene	10.70	106	318442	50.564	ug/l	98
70) Styrene	10.71	104	560102	51.870	ug/l	100
71) Bromoform	10.85	173	154536	51.909	ug/l	97
73) Isopropylbenzene	11.01	105	857012	49.959	ug/l	100
74) N-amyl acetate	10.89	43	343093	47.458	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	277149	48.479	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	227603m	42.491	ug/l	
77) Bromobenzene	11.25	156	225906	47.254	ug/l	98
78) n-propylbenzene	11.35	91	990251	50.528	ug/l	100
79) 2-Chlorotoluene	11.42	91	582779	49.794	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	727540	50.948	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	88815	47.057	ug/l	99
82) 4-Chlorotoluene	11.51	91	685508	49.576	ug/l	100
83) tert-Butylbenzene	11.76	119	700003	50.696	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	723765	50.451	ug/l	100
85) sec-Butylbenzene	11.94	105	845929	50.750	ug/l	99
86) p-Isopropyltoluene	12.06	119	777788	50.647	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	410237	48.813	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	411177	47.389	ug/l	99
89) n-Butylbenzene	12.39	91	688860	50.434	ug/l	100
90) Hexachloroethane	12.59	117	138246	47.617	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	403570	48.300	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	60360	52.727	ug/l	99
93) 1,2,4-Trichlorobenzene	13.64	180	287887	49.637	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	132944	44.669	ug/l	99
95) Naphthalene	13.83	128	837177	47.181	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	287713	49.719	ug/l	99

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

