

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010319\
 Data File : VX006906.D
 Acq On : 03 Jan 2019 20:18
 Operator : JC/MD
 Sample : K1032-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0645MSD

Manual Integrations
 APPROVED

MMDadoda
 1/4/2019 10:01:33 AM

Quant Time: Jan 04 05:56:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	509809	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	775368	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	693441	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	350016	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	278745	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
35) Dibromofluoromethane	5.51	113	259398	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	
50) Toluene-d8	8.71	98	928902	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	
62) 4-Bromofluorobenzene	11.14	95	330100	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	177415	38.040	ug/l	99
3) Chloromethane	1.33	50	206862	41.170	ug/l	98
4) Vinyl Chloride	1.41	62	532152	101.406	ug/l	98
5) Bromomethane	1.64	94	230586	46.969	ug/l	97
6) Chloroethane	1.71	64	154500	42.520	ug/l	98
7) Trichlorofluoromethane	1.92	101	387695	47.386	ug/l	96
8) Diethyl Ether	2.19	74	157771	48.550	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	219312	45.653	ug/l	99
10) Methyl Iodide	2.51	142	348018	50.610	ug/l	100
11) Tert butyl alcohol	3.08	59	295732	241.173	ug/l	99
12) 1,1-Dichloroethene	2.37	96	212280	46.604	ug/l	98
13) Acrolein	2.30	56	144017	174.098	ug/l	98
14) Allyl chloride	2.73	41	378162	49.322	ug/l	99
15) Acrylonitrile	3.15	53	722655	265.429	ug/l	100
16) Acetone	2.45	43	663313	262.766	ug/l	99
17) Carbon Disulfide	2.57	76	458966	38.075	ug/l	100
18) Methyl Acetate	2.78	43	414434	55.833	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	819148	54.183	ug/l	98
20) Methylene Chloride	2.85	84	250846	48.056	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	257081	50.938	ug/l	96
22) Diisopropyl ether	3.87	45	749009	53.399	ug/l	94
23) Vinyl Acetate	3.82	43	2780257	242.324	ug/l	100
24) 1,1-Dichloroethane	3.70	63	413300	49.360	ug/l	99
25) 2-Butanone	4.70	43	889574	250.527	ug/l	99
26) 2,2-Dichloropropane	4.58	77	262966	40.657	ug/l	77
27) cis-1,2-Dichloroethene	4.60	96	1036900	186.213	ug/l	93
28) Bromochloromethane	5.02	49	196980	56.030	ug/l	99
29) Tetrahydrofuran	5.15	42	600321	256.693	ug/l	97
30) Chloroform	5.21	83	443345	51.130	ug/l	98
31) Cyclohexane	5.57	56	319979	42.064	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	363836	49.694	ug/l	98
36) 1,1-Dichloropropene	5.79	75	298166	46.430	ug/l	100
37) Ethyl Acetate	4.86	43	325912	48.760	ug/l	99
38) Carbon Tetrachloride	5.78	117	311788	49.958	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	333709	39.471	ug/l	99
40) Benzene	6.14	78	955337	48.941	ug/l	99
41) Methacrylonitrile	5.06	41	194821	54.900	ug/l	99
42) 1,2-Dichloroethane	6.20	62	333145	50.085	ug/l	99
43) Isopropyl Acetate	6.46	43	542954	53.388	ug/l	99
44) Trichloroethene	7.21	130	279649	47.333	ug/l	97
45) 1,2-Dichloropropane	7.51	63	249025	52.424	ug/l	97
46) Dibromomethane	7.66	93	173393	49.625	ug/l	96
47) Bromodichloromethane	7.90	83	312129	53.807	ug/l	96
48) Methyl methacrylate	7.77	41	281818	54.492	ug/l	98
49) 1,4-Dioxane	7.76	88	119485	880.640	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1752406	270.816	ug/l	100
52) Toluene	8.79	92	616872	48.916	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	338421	54.396	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	364269	53.361	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	271996	52.693	ug/l	100
56) Ethyl methacrylate	9.18	69	390257	53.492	ug/l	96
57) 1,3-Dichloropropane	9.37	76	422444	50.867	ug/l	99
59) 2-Hexanone	9.49	43	1318606	266.334	ug/l	99
60) Dibromochloromethane	9.59	129	272188	50.398	ug/l	99
61) 1,2-Dibromoethane	9.67	107	286074	52.135	ug/l	100
64) Tetrachloroethene	9.34	164	260236	47.393	ug/l	97
65) Chlorobenzene	10.14	112	725572	49.458	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	260875	56.996	ug/l	99
67) Ethyl Benzene	10.25	91	1172247	48.900	ug/l	98
68) m/p-Xylenes	10.36	106	925150	97.802	ug/l	100
69) o-Xylene	10.70	106	455103	48.721	ug/l	98
70) Styrene	10.71	104	732109	49.540	ug/l	99
71) Bromoform	10.86	173	202644	49.165	ug/l	100
73) Isopropylbenzene	11.02	105	1195379	49.921	ug/l	99
74) N-amyl acetate	10.90	43	469976	54.833	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	392619	55.133	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	354469m	54.494	ug/l	
77) Bromobenzene	11.26	156	326106	50.374	ug/l	99
78) n-propylbenzene	11.36	91	1313810	49.825	ug/l	99
79) 2-Chlorotoluene	11.42	91	769646	48.164	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	985922	49.989	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	98067	46.230	ug/l	96
82) 4-Chlorotoluene	11.51	91	899503	49.073	ug/l	99
83) tert-Butylbenzene	11.77	119	1016096	51.475	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1005764	48.482	ug/l	100
85) sec-Butylbenzene	11.94	105	1170777	48.376	ug/l	100
86) p-Isopropyltoluene	12.07	119	1043100	49.031	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	581518	49.842	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	583569	48.791	ug/l	100
89) n-Butylbenzene	12.39	91	871745	48.148	ug/l	99
90) Hexachloroethane	12.60	117	160330	48.275	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	580391	49.728	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	80004	54.295	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	394694	49.025	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	167109	44.038	ug/l	100
95) Naphthalene	13.83	128	1278375	49.751	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	400644	48.199	ug/l	97

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

