

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012619\
 Data File : VX007233.D
 Acq On : 25 Jan 2019 17:08
 Operator : JC/SP
 Sample : VX0126WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0126WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/28/2019 12:01:46 PM

Quant Time: Jan 28 00:41:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	489590	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	714951	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	659332	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	334261	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	253622	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
35) Dibromofluoromethane	5.51	113	229603	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
50) Toluene-d8	8.71	98	847905	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
62) 4-Bromofluorobenzene	11.13	95	306217	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	71326	17.741	ug/l	100
3) Chloromethane	1.33	50	83758	17.896	ug/l	99
4) Vinyl Chloride	1.41	62	91372	18.148	ug/l	99
5) Bromomethane	1.64	94	93211	17.328	ug/l	96
6) Chloroethane	1.73	64	60690	17.264	ug/l	95
7) Trichlorofluoromethane	1.93	101	153211	18.834	ug/l	94
8) Diethyl Ether	2.20	74	61371	18.963	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	88518	18.175	ug/l	98
10) Methyl Iodide	2.51	142	132160	20.117	ug/l	99
11) Tert butyl alcohol	3.07	59	123027	101.930	ug/l	99
12) 1,1-Dichloroethene	2.38	96	80777	17.952	ug/l	97
13) Acrolein	2.30	56	51825	101.414	ug/l	98
14) Allyl chloride	2.73	41	146332	18.975	ug/l	98
15) Acrylonitrile	3.15	53	278790	100.618	ug/l	99
16) Acetone	2.45	43	248750	98.340	ug/l	98
17) Carbon Disulfide	2.57	76	170313	14.701	ug/l	100
18) Methyl Acetate	2.78	43	154013	21.025	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	308951	19.782	ug/l	99
20) Methylene Chloride	2.86	84	97209	19.864	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	89669	17.882	ug/l	95
22) Diisopropyl ether	3.87	45	285179	19.671	ug/l	97
23) Vinyl Acetate	3.82	43	1143859	93.557	ug/l	99
24) 1,1-Dichloroethane	3.70	63	154432	19.050	ug/l	98
25) 2-Butanone	4.70	43	359668	99.374	ug/l	96
26) 2,2-Dichloropropane	4.59	77	108647	17.429	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	100346	18.142	ug/l	97
28) Bromochloromethane	5.02	49	63132	17.775	ug/l	97
29) Tetrahydrofuran	5.15	42	229831	97.712	ug/l	98
30) Chloroform	5.21	83	164738	19.409	ug/l	99
31) Cyclohexane	5.58	56	124863	17.305	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	137055	19.051	ug/l	98
36) 1,1-Dichloropropene	5.80	75	113671	18.287	ug/l	99
37) Ethyl Acetate	4.86	43	130023	19.511	ug/l	99
38) Carbon Tetrachloride	5.78	117	115290	18.435	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	134867	17.019	ug/l	97
40) Benzene	6.14	78	359483	18.953	ug/l	100
41) Methacrylonitrile	5.06	41	73795	19.222	ug/l	98
42) 1,2-Dichloroethane	6.20	62	125998	19.224	ug/l	99
43) Isopropyl Acetate	6.46	43	207469	19.737	ug/l	97
44) Trichloroethene	7.21	130	105176	18.505	ug/l	94
45) 1,2-Dichloropropane	7.51	63	94128	19.740	ug/l	96
46) Dibromomethane	7.66	93	66415	19.819	ug/l	99
47) Bromodichloromethane	7.90	83	113121	19.831	ug/l	98
48) Methyl methacrylate	7.77	41	108570	20.113	ug/l	96
49) 1,4-Dioxane	7.75	88	53572	429.676	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	711126	105.268	ug/l	99
52) Toluene	8.79	92	235659	19.331	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	119193	18.844	ug/l	96
54) cis-1,3-Dichloropropene	8.44	75	133576	19.123	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	102732	21.054	ug/l	98
56) Ethyl methacrylate	9.18	69	142932	20.065	ug/l	97
57) 1,3-Dichloropropane	9.37	76	162047	20.272	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	380682	103.941	ug/l	99
59) 2-Hexanone	9.49	43	544997	105.866	ug/l	98
60) Dibromochloromethane	9.58	129	96435	20.353	ug/l	99
61) 1,2-Dibromoethane	9.67	107	107033	19.925	ug/l	100
64) Tetrachloroethene	9.34	164	112746	19.751	ug/l	96
65) Chlorobenzene	10.14	112	274154	19.064	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	99003	20.465	ug/l	97
67) Ethyl Benzene	10.25	91	439817	18.526	ug/l	99
68) m/p-Xylenes	10.36	106	346696	37.067	ug/l	100
69) o-Xylene	10.70	106	169891	18.625	ug/l	95
70) Styrene	10.71	104	276941	19.169	ug/l	99
71) Bromoform	10.86	173	72533	19.902	ug/l	99
73) Isopropylbenzene	11.02	105	456254	19.357	ug/l	100
74) N-amyl acetate	10.90	43	185128	19.508	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	150647	20.133	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	141949m	20.956	ug/l	
77) Bromobenzene	11.26	156	126683	19.506	ug/l	100
78) n-propylbenzene	11.36	91	498940	19.283	ug/l	99
79) 2-Chlorotoluene	11.42	91	300002	19.261	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	375575	19.070	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	35140	18.254	ug/l	91
82) 4-Chlorotoluene	11.51	91	346081	19.190	ug/l	100
83) tert-Butylbenzene	11.77	119	371606	18.911	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	389931	19.689	ug/l	99
85) sec-Butylbenzene	11.94	105	453182	19.311	ug/l	99
86) p-Isopropyltoluene	12.06	119	410272	19.545	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	224105	19.091	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	223362	20.169	ug/l	99
89) n-Butylbenzene	12.39	91	338964	18.943	ug/l	98
90) Hexachloroethane	12.60	117	59023	19.497	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	225338	19.452	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	29303	19.801	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	149607	18.824	ug/l	99
94) Hexachlorobutadiene	13.78	225	72970	20.690	ug/l	99
95) Naphthalene	13.83	128	470710	19.545	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	153929	19.497	ug/l	97

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

