

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011619\
 Data File : VX007072.D
 Acq On : 16 Jan 2019 13:27
 Operator : JC/SP
 Sample : VX0116WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0116WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/17/2019 9:09:51 AM

Quant Time: Jan 17 00:16:31 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	497116	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	751222	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	684678	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	346011	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	272198	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
35) Dibromofluoromethane	5.50	113	242354	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
50) Toluene-d8	8.71	98	901025	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	
62) 4-Bromofluorobenzene	11.13	95	321810	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	86545	21.200	ug/l	98
3) Chloromethane	1.33	50	95207	20.034	ug/l	95
4) Vinyl Chloride	1.41	62	105767	20.690	ug/l	98
5) Bromomethane	1.64	94	107124	19.613	ug/l	97
6) Chloroethane	1.72	64	69354	19.430	ug/l	99
7) Trichlorofluoromethane	1.93	101	165750	20.067	ug/l	97
8) Diethyl Ether	2.19	74	66418	20.211	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	98036	19.825	ug/l	97
10) Methyl Iodide	2.51	142	143792	21.556	ug/l	100
11) Tert butyl alcohol	3.07	59	131835	107.574	ug/l	100
12) 1,1-Dichloroethene	2.37	96	89578	19.606	ug/l	96
13) Acrolein	2.30	56	69616	133.170	ug/l	98
14) Allyl chloride	2.73	41	157428	20.105	ug/l	99
15) Acrylonitrile	3.15	53	297619	105.787	ug/l	100
16) Acetone	2.45	43	275351	107.208	ug/l	100
17) Carbon Disulfide	2.57	76	202978	17.256	ug/l	98
18) Methyl Acetate	2.78	43	163283	21.953	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	329168	20.757	ug/l	98
20) Methylene Chloride	2.86	84	104781	21.122	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	97448	19.139	ug/l	99
22) Diisopropyl ether	3.87	45	302504	20.550	ug/l	98
23) Vinyl Acetate	3.82	43	1238348	99.752	ug/l	99
24) 1,1-Dichloroethane	3.70	63	168342	20.451	ug/l	99
25) 2-Butanone	4.70	43	389911	106.099	ug/l	100
26) 2,2-Dichloropropane	4.58	77	118243	18.681	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	110994	19.764	ug/l	99
28) Bromochloromethane	5.02	49	72060	19.981	ug/l	100
29) Tetrahydrofuran	5.15	42	248578	104.082	ug/l	98
30) Chloroform	5.21	83	176449	20.474	ug/l	97
31) Cyclohexane	5.57	56	141007	19.247	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	145711	19.947	ug/l	98
36) 1,1-Dichloropropene	5.80	75	125508	19.217	ug/l	100
37) Ethyl Acetate	4.85	43	142618	20.368	ug/l	97
38) Carbon Tetrachloride	5.78	117	121788	18.534	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	155428	18.667	ug/l	95
40) Benzene	6.14	78	394857	19.813	ug/l	97
41) Methacrylonitrile	5.06	41	77528	19.220	ug/l	99
42) 1,2-Dichloroethane	6.20	62	136040	19.754	ug/l	98
43) Isopropyl Acetate	6.46	43	218379	19.772	ug/l	99
44) Trichloroethene	7.21	130	117050	19.600	ug/l	96
45) 1,2-Dichloropropane	7.51	63	101662	20.291	ug/l	96
46) Dibromomethane	7.66	93	71545	20.319	ug/l	99
47) Bromodichloromethane	7.90	83	114407	19.088	ug/l	96
48) Methyl methacrylate	7.77	41	115777	20.412	ug/l	96
49) 1,4-Dioxane	7.75	88	56257	429.420	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	747434	105.301	ug/l	99
52) Toluene	8.78	92	255288	19.930	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	125216	18.841	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	142639	19.434	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	108535	21.169	ug/l	96
56) Ethyl methacrylate	9.18	69	153613	20.524	ug/l	97
57) 1,3-Dichloropropane	9.37	76	171162	20.378	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	394294	102.459	ug/l	98
59) 2-Hexanone	9.49	43	567302	104.878	ug/l	99
60) Dibromochloromethane	9.58	129	100033	20.093	ug/l	97
61) 1,2-Dibromoethane	9.67	107	115127	20.397	ug/l	100
64) Tetrachloroethene	9.34	164	121982	20.578	ug/l	95
65) Chlorobenzene	10.14	112	295837	19.811	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	101697	20.244	ug/l	98
67) Ethyl Benzene	10.25	91	481859	19.546	ug/l	99
68) m/p-Xylenes	10.36	106	375165	38.626	ug/l	98
69) o-Xylene	10.70	106	187675	19.813	ug/l	98
70) Styrene	10.71	104	303258	20.214	ug/l	99
71) Bromoform	10.86	173	71397	19.111	ug/l #	97
73) Isopropylbenzene	11.02	105	491214	20.133	ug/l	99
74) N-amyl acetate	10.90	43	196910	20.045	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	156115	20.155	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	145505m	20.752	ug/l	
77) Bromobenzene	11.26	156	134566	20.017	ug/l	98
78) n-propylbenzene	11.36	91	544502	20.329	ug/l	98
79) 2-Chlorotoluene	11.42	91	328255	20.359	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	409131	20.068	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	36110	18.148	ug/l	89
82) 4-Chlorotoluene	11.51	91	375339	20.106	ug/l	100
83) tert-Butylbenzene	11.77	119	406880	20.003	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	419447	20.460	ug/l	99
85) sec-Butylbenzene	11.94	105	491214	20.221	ug/l	100
86) p-Isopropyltoluene	12.06	119	441604	20.324	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	238507	19.628	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	237922	20.750	ug/l	98
89) n-Butylbenzene	12.39	91	362898	19.592	ug/l	98
90) Hexachloroethane	12.60	117	61306	19.554	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	239585	19.980	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	29627	19.340	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	158225	19.232	ug/l	98
94) Hexachlorobutadiene	13.78	225	73557	20.148	ug/l	98
95) Naphthalene	13.83	128	487489	19.555	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	156770	19.182	ug/l	99

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

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