

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122818\
 Data File : VX006855.D
 Acq On : 28 Dec 2018 12:34
 Operator : JC/MD
 Sample : VX1228WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1228WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/2/2019 10:45:08 AM

Quant Time: Dec 29 00:06:53 2018
 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	570959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	846997	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	763583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	385777	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	292971	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
35) Dibromofluoromethane	5.51	113	264684	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
50) Toluene-d8	8.71	98	973066	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	
62) 4-Bromofluorobenzene	11.13	95	350247	47.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.72%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	85921	16.450	ug/l	97
3) Chloromethane	1.33	50	98663	17.533	ug/l	99
4) Vinyl Chloride	1.41	62	103641	17.634	ug/l	100
5) Bromomethane	1.64	94	96404	16.285	ug/l	98
6) Chloroethane	1.72	64	69140	16.990	ug/l	98
7) Trichlorofluoromethane	1.93	101	168691	18.410	ug/l	95
8) Diethyl Ether	2.19	74	68821	18.910	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	100178	18.620	ug/l	99
10) Methyl Iodide	2.51	142	133768	17.369	ug/l	98
11) Tert butyl alcohol	3.07	59	133765	97.404	ug/l	97
12) 1,1-Dichloroethene	2.37	96	92048	18.044	ug/l	93
13) Acrolein	2.30	56	93604	101.036	ug/l	98
14) Allyl chloride	2.73	41	162249	18.895	ug/l	98
15) Acrylonitrile	3.15	53	309783	101.596	ug/l	99
16) Acetone	2.45	43	265344	93.856	ug/l	97
17) Carbon Disulfide	2.57	76	190366	14.101	ug/l	100
18) Methyl Acetate	2.78	43	193537	23.281	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	353341	20.869	ug/l	99
20) Methylene Chloride	2.86	84	114011	19.502	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	101582	17.972	ug/l	98
22) Diisopropyl ether	3.87	45	321270	20.451	ug/l	92
23) Vinyl Acetate	3.82	43	1266211	98.542	ug/l	100
24) 1,1-Dichloroethane	3.70	63	174194	18.576	ug/l	98
25) 2-Butanone	4.70	43	383722	96.492	ug/l	97
26) 2,2-Dichloropropane	4.59	77	123040	16.986	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	116973	18.757	ug/l	97
28) Bromochloromethane	5.02	49	83934	20.125	ug/l	95
29) Tetrahydrofuran	5.15	42	253535	96.799	ug/l	100
30) Chloroform	5.21	83	186316	19.186	ug/l	100
31) Cyclohexane	5.57	56	142905	16.774	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	153729	18.748	ug/l	97
36) 1,1-Dichloropropene	5.80	75	127138	18.124	ug/l	98
37) Ethyl Acetate	4.85	43	147178	20.157	ug/l	98
38) Carbon Tetrachloride	5.79	117	126794	18.598	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	151545	16.409	ug/l	98
40) Benzene	6.14	78	411562	19.301	ug/l	99
41) Methacrylonitrile	5.06	41	82855	21.374	ug/l	98
42) 1,2-Dichloroethane	6.20	62	141851	19.522	ug/l	100
43) Isopropyl Acetate	6.46	43	235835	21.228	ug/l	99
44) Trichloroethene	7.21	130	119406	18.501	ug/l	99
45) 1,2-Dichloropropane	7.52	63	104042	20.050	ug/l	94
46) Dibromomethane	7.66	93	73153	19.166	ug/l	97
47) Bromodichloromethane	7.90	83	120251	18.977	ug/l	94
48) Methyl methacrylate	7.77	41	121300	21.471	ug/l	97
49) 1,4-Dioxane	7.76	88	49970	324.630	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	763664	108.036	ug/l	100
52) Toluene	8.78	92	267612	19.426	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	129563	19.064	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	149558	20.056	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	114367	20.282	ug/l	98
56) Ethyl methacrylate	9.18	69	167995	21.079	ug/l	97
57) 1,3-Dichloropropane	9.37	76	181421	19.998	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	431542	101.866	ug/l	100
59) 2-Hexanone	9.49	43	568531	105.122	ug/l	99
60) Dibromochloromethane	9.59	129	101191	18.685	ug/l	99
61) 1,2-Dibromoethane	9.67	107	119141	19.876	ug/l	99
64) Tetrachloroethene	9.34	164	118197	19.548	ug/l	96
65) Chlorobenzene	10.14	112	309986	19.189	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	103429	20.521	ug/l	98
67) Ethyl Benzene	10.25	91	506005	19.169	ug/l	100
68) m/p-Xylenes	10.36	106	399892	38.391	ug/l	99
69) o-Xylene	10.70	106	198361	19.285	ug/l	98
70) Styrene	10.71	104	309560	19.023	ug/l	97
71) Bromoform	10.86	173	70221	18.528	ug/l	98
73) Isopropylbenzene	11.02	105	514914	19.510	ug/l	98
74) N-amyl acetate	10.90	43	211608	22.400	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	167452	21.334	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	151820m	21.176	ug/l	
77) Bromobenzene	11.26	156	143461	20.106	ug/l	97
78) n-propylbenzene	11.36	91	560169	19.275	ug/l	100
79) 2-Chlorotoluene	11.42	91	334162	18.973	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	415912	19.133	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	36018	18.227	ug/l	90
82) 4-Chlorotoluene	11.51	91	387527	19.182	ug/l	99
83) tert-Butylbenzene	11.77	119	415470	19.097	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	433577	18.963	ug/l	100
85) sec-Butylbenzene	11.94	105	492159	18.451	ug/l	99
86) p-Isopropyltoluene	12.06	119	441748	18.840	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	248121	19.295	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	249220	18.905	ug/l	99
89) n-Butylbenzene	12.39	91	363631	18.222	ug/l	99
90) Hexachloroethane	12.60	117	58292	18.132	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	249213	19.373	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	29546	18.193	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	161414	18.191	ug/l	99
94) Hexachlorobutadiene	13.78	225	71967	17.207	ug/l	99
95) Naphthalene	13.83	128	503073	17.763	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	162673	17.756	ug/l	98

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

