

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111318\
 Data File : VX005944.D
 Acq On : 13 Nov 2018 13:14
 Operator : JC/MD
 Sample : VX1113WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1113WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/14/2018 9:51:21 AM

Quant Time: Nov 14 03:54:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	99373	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	134804	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	122139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	70124	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	56009	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
35) Dibromofluoromethane	5.50	113	49864	54.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.76%	
50) Toluene-d8	8.71	98	161898	53.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.22%	
62) 4-Bromofluorobenzene	11.13	95	60104	54.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	17760	19.822	ug/l	99
3) Chloromethane	1.32	50	22205	18.884	ug/l	93
4) Vinyl Chloride	1.40	62	23635	20.023	ug/l	96
5) Bromomethane	1.64	94	15495	21.450	ug/l	93
6) Chloroethane	1.72	64	15052	21.371	ug/l	98
7) Trichlorofluoromethane	1.93	101	32142	20.514	ug/l	99
8) Diethyl Ether	2.18	74	12270	19.985	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.39	101	18715	20.768	ug/l	98
10) Methyl Iodide	2.51	142	18830	17.241	ug/l	99
11) Tert butyl alcohol	3.06	59	33035	100.943	ug/l	99
12) 1,1-Dichloroethene	2.37	96	17342	19.744	ug/l	90
13) Acrolein	2.29	56	20623	141.195	ug/l	97
14) Allyl chloride	2.73	41	40269	20.527	ug/l	99
15) Acrylonitrile	3.15	53	69057	101.822	ug/l	97
16) Acetone	2.44	43	65659	106.744	ug/l	99
17) Carbon Disulfide	2.57	76	49714	18.975	ug/l	99
18) Methyl Acetate	2.78	43	37186	21.720	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	65543	21.863	ug/l #	90
20) Methylene Chloride	2.85	84	21915	21.689	ug/l	86
21) trans-1,2-Dichloroethene	3.17	96	18610	20.088	ug/l	98
22) Diisopropyl ether	3.87	45	74681	21.732	ug/l	96
23) Vinyl Acetate	3.81	43	335892	113.998	ug/l	97
24) 1,1-Dichloroethane	3.70	63	40387	22.028	ug/l	99
25) 2-Butanone	4.69	43	106575	110.206	ug/l	98
26) 2,2-Dichloropropane	4.59	77	29008	21.569	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	21101	20.627	ug/l	98
28) Bromochloromethane	5.02	49	17644	21.533	ug/l	97
29) Tetrahydrofuran	5.15	42	65477	105.452	ug/l	98
30) Chloroform	5.21	83	37404	21.146	ug/l	96
31) Cyclohexane	5.58	56	33027	20.752	ug/l #	82
32) 1,1,1-Trichloroethane	5.49	97	32278	21.878	ug/l	98
36) 1,1-Dichloropropene	5.80	75	25331	19.492	ug/l	98
37) Ethyl Acetate	4.85	43	35818	20.959	ug/l	99
38) Carbon Tetrachloride	5.78	117	27335	21.011	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	27236	20.678	ug/l #	86
40) Benzene	6.13	78	73409	19.377	ug/l	99
41) Methacrylonitrile	5.05	41	19509	21.127	ug/l	99
42) 1,2-Dichloroethane	6.19	62	28096	20.706	ug/l	100
43) Isopropyl Acetate	6.46	43	52065	21.026	ug/l	100
44) Trichloroethene	7.21	130	19879	20.662	ug/l	92
45) 1,2-Dichloropropane	7.51	63	19769	21.499	ug/l	99
46) Dibromomethane	7.66	93	12606	21.847	ug/l	98
47) Bromodichloromethane	7.90	83	26905	24.673	ug/l	88
48) Methyl methacrylate	7.77	41	24131	21.703	ug/l	99
49) 1,4-Dioxane	7.75	88	9945	415.075	ug/l #	94
51) 4-Methyl-2-Pentanone	8.65	43	166081	106.419	ug/l	99
52) Toluene	8.78	92	44366	20.954	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	26010	20.212	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	29421	22.431	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	18642	19.755	ug/l	99
56) Ethyl methacrylate	9.18	69	26364	18.672	ug/l	97
57) 1,3-Dichloropropane	9.37	76	30789	19.416	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	74373	101.746	ug/l	99
59) 2-Hexanone	9.49	43	132836	96.564	ug/l	99
60) Dibromochloromethane	9.58	129	19469	19.090	ug/l	99
61) 1,2-Dibromoethane	9.67	107	19296	18.492	ug/l	99
64) Tetrachloroethene	9.34	164	21622	20.793	ug/l	98
65) Chlorobenzene	10.14	112	50335	20.571	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	18332	21.550	ug/l	99
67) Ethyl Benzene	10.25	91	84225	21.466	ug/l	99
68) m/p-Xylenes	10.36	106	65881	44.021	ug/l	98
69) o-Xylene	10.70	106	30679	22.861	ug/l	100
70) Styrene	10.71	104	51511	23.268	ug/l	99
71) Bromoform	10.86	173	15682	21.991	ug/l #	99
73) Isopropylbenzene	11.02	105	86057	21.221	ug/l	99
74) N-amyl acetate	10.90	43	40012	18.396	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	29839	20.047	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	29167m	20.427	ug/l	
77) Bromobenzene	11.26	156	23111	20.220	ug/l	100
78) n-propylbenzene	11.36	91	102399	21.426	ug/l	99
79) 2-Chlorotoluene	11.42	91	60726	21.022	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	74833	21.715	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	8833	19.716	ug/l	95
82) 4-Chlorotoluene	11.51	91	72378	21.260	ug/l	100
83) tert-Butylbenzene	11.77	119	71892	20.621	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	76311	19.994	ug/l	100
85) sec-Butylbenzene	11.94	105	88564	20.774	ug/l	99
86) p-Isopropyltoluene	12.07	119	80260	21.254	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	43798	19.966	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	44161	19.666	ug/l	98
89) n-Butylbenzene	12.39	91	70654	20.188	ug/l	99
90) Hexachloroethane	12.60	117	12595	19.977	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	42829	19.490	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	7252	19.966	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	32318	20.891	ug/l	100
94) Hexachlorobutadiene	13.79	225	17262	21.243	ug/l	98
95) Naphthalene	13.83	128	92873	19.153	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	32930	20.895	ug/l	100

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

