

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101018\
 Data File : VX005214.D
 Acq On : 10 Oct 2018 18:40
 Operator : JC/MD
 Sample : VX1010WBS03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS03

Manual Integrations
 APPROVED

MMDadoda
 10/12/2018 11:45:00 AM

Quant Time: Oct 11 07:03:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	188111	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	285778	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	282744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	173228	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	135205	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
35) Dibromofluoromethane	5.50	113	117412	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
50) Toluene-d8	8.72	98	444489	55.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.40%	
62) 4-Bromofluorobenzene	11.14	95	165723	57.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	51645	20.14	ug/l	100
3) Chloromethane	1.32	50	57643	18.52	ug/l	97
4) Vinyl Chloride	1.40	62	55484	19.01	ug/l	99
5) Bromomethane	1.64	94	31467	18.18	ug/l	97
6) Chloroethane	1.72	64	34839	20.53	ug/l	94
7) Trichlorofluoromethane	1.93	101	72832	20.16	ug/l	92
8) Diethyl Ether	2.19	74	27976	17.82	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	39795	19.34	ug/l	99
10) Methyl Iodide	2.51	142	42574	15.46	ug/l	91
11) Tert butyl alcohol	3.07	59	76955	102.42	ug/l	99
12) 1,1-Dichloroethene	2.37	96	37550	18.42	ug/l	92
13) Acrolein	2.29	56	45514	85.14	ug/l	93
14) Allyl chloride	2.73	41	85957	19.33	ug/l	95
15) Acrylonitrile	3.15	53	160207	96.86	ug/l	95
16) Acetone	2.45	43	164710	104.99	ug/l	95
17) Carbon Disulfide	2.57	76	109233	17.83	ug/l	98
18) Methyl Acetate	2.78	43	84736	21.32	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	139345	19.82	ug/l	97
20) Methylene Chloride	2.85	84	44448	18.97	ug/l	88
21) trans-1,2-Dichloroethene	3.16	96	40864	18.31	ug/l	84
22) Diisopropyl ether	3.87	45	137177	18.32	ug/l	97
23) Vinyl Acetate	3.82	43	624622	91.12	ug/l	97
24) 1,1-Dichloroethane	3.70	63	82930	18.56	ug/l	99
25) 2-Butanone	4.71	43	215598	93.23	ug/l	96
26) 2,2-Dichloropropane	4.58	77	59170	19.02	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	43182	17.32	ug/l	94
28) Bromochloromethane	5.02	49	40238	19.13	ug/l	97
29) Tetrahydrofuran	5.17	42	133577	92.94	ug/l	98
30) Chloroform	5.21	83	75249	17.82	ug/l	99
31) Cyclohexane	5.57	56	62637	18.32	ug/l	88
32) 1,1,1-Trichloroethane	5.49	97	63159	18.32	ug/l	96
36) 1,1-Dichloropropene	5.80	75	52552	15.90	ug/l	95
37) Ethyl Acetate	4.86	43	72531	16.54	ug/l	98
38) Carbon Tetrachloride	5.78	117	55847	16.08	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	58385	17.30	ug/l	87
40) Benzene	6.15	78	162859	15.74	ug/l	96
41) Methacrylonitrile	5.07	41	39096	16.07	ug/l	96
42) 1,2-Dichloroethane	6.20	62	60785	16.62	ug/l	97
43) Isopropyl Acetate	6.47	43	104032	16.43	ug/l	96
44) Trichloroethene	7.21	130	50845	19.99	ug/l	98
45) 1,2-Dichloropropane	7.52	63	44625	17.59	ug/l	99
46) Dibromomethane	7.66	93	28745	18.03	ug/l	99
47) Bromodichloromethane	7.90	83	53816	18.03	ug/l	96
48) Methyl methacrylate	7.78	41	53515	18.62	ug/l	98
49) 1,4-Dioxane	7.76	88	26341	368.96	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	380606	95.48	ug/l	99
52) Toluene	8.79	92	101541	17.86	ug/l	95
53) t-1,3-Dichloropropene	9.04	75	57921	17.17	ug/l	91
54) cis-1,3-Dichloropropene	8.44	75	65466	18.53	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	43703	17.55	ug/l	96
56) Ethyl methacrylate	9.18	69	61982	17.32	ug/l	97
57) 1,3-Dichloropropane	9.37	76	72220	17.43	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	180351	93.51	ug/l	99
59) 2-Hexanone	9.50	43	302694	91.12	ug/l	94
60) Dibromochloromethane	9.59	129	43338	17.40	ug/l	99
61) 1,2-Dibromoethane	9.67	107	45277	16.98	ug/l	96
64) Tetrachloroethene	9.34	164	44576	16.02	ug/l	95
65) Chlorobenzene	10.14	112	113797	15.70	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	41978	16.47	ug/l	98
67) Ethyl Benzene	10.26	91	186201	16.18	ug/l	97
68) m/p-Xylenes	10.36	106	147212	32.73	ug/l	95
69) o-Xylene	10.70	106	69909	16.92	ug/l	99
70) Styrene	10.71	104	118288	16.79	ug/l	99
71) Bromoform	10.86	173	34852	15.97	ug/l #	96
73) Isopropylbenzene	11.02	105	191198	17.51	ug/l	100
74) N-amyl acetate	10.90	43	86439	15.65	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	69771	15.70	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	65143m	16.78	ug/l	
77) Bromobenzene	11.26	156	53082	16.74	ug/l	98
78) n-propylbenzene	11.36	91	218591	17.45	ug/l	99
79) 2-Chlorotoluene	11.42	91	134258	17.19	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	164599	16.31	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	19018	14.82	ug/l	96
82) 4-Chlorotoluene	11.51	91	157185	17.10	ug/l	99
83) tert-Butylbenzene	11.77	119	160250	17.83	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	168002	16.14	ug/l	98
85) sec-Butylbenzene	11.94	105	193039	17.63	ug/l	99
86) p-Isopropyltoluene	12.07	119	170755	17.21	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	97161	16.41	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	98961	16.19	ug/l	99
89) n-Butylbenzene	12.39	91	146528	16.26	ug/l	100
90) Hexachloroethane	12.60	117	27489	16.64	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	96539	15.60	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15681	16.07	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	69252	15.95	ug/l	99
94) Hexachlorobutadiene	13.79	225	36267	16.11	ug/l	98
95) Naphthalene	13.83	128	211004	15.15	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	73243	16.33	ug/l	100

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

