

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100518\
 Data File : VX005078.D
 Acq On : 05 Oct 2018 20:38
 Operator : JC/MD
 Sample : VX1005WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/8/2018 2:02:40 PM

Quant Time: Oct 06 00:08:02 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	225319	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.86	114	330278	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	314475	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	187724	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	157525	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
35) Dibromofluoromethane	5.50	113	127707	45.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.24%	
50) Toluene-d8	8.72	98	470491	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
62) 4-Bromofluorobenzene	11.14	95	173256	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	62966	20.496	ug/l	96
3) Chloromethane	1.32	50	66863	17.939	ug/l	100
4) Vinyl Chloride	1.40	62	68707	19.654	ug/l	100
5) Bromomethane	1.64	94	38362	18.506	ug/l	96
6) Chloroethane	1.72	64	41062	20.164	ug/l	98
7) Trichlorofluoromethane	1.93	101	91806	21.213	ug/l	95
8) Diethyl Ether	2.18	74	39034	20.761	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	52407	21.258	ug/l	99
10) Methyl Iodide	2.51	142	50291	15.245	ug/l	92
11) Tert butyl alcohol	3.07	59	93253	103.617	ug/l	100
12) 1,1-Dichloroethene	2.37	96	48683	19.940	ug/l	95
13) Acrolein	2.29	56	16511	25.785	ug/l	90
14) Allyl chloride	2.73	41	108290	20.329	ug/l	95
15) Acrylonitrile	3.15	53	209981	105.988	ug/l	96
16) Acetone	2.45	43	181948	96.826	ug/l #	88
17) Carbon Disulfide	2.57	76	126417	17.232	ug/l #	95
18) Methyl Acetate	2.78	43	121857	25.595	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	185530	22.031	ug/l	96
20) Methylene Chloride	2.85	84	59553	21.316	ug/l	90
21) trans-1,2-Dichloroethene	3.16	96	51699	19.344	ug/l	85
22) Diisopropyl ether	3.87	45	195028	21.742	ug/l	94
23) Vinyl Acetate	3.82	43	806347	98.205	ug/l	95
24) 1,1-Dichloroethane	3.69	63	108116	20.206	ug/l	97
25) 2-Butanone	4.70	43	279609	100.946	ug/l	94
26) 2,2-Dichloropropane	4.59	77	71272	19.128	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	58747	19.677	ug/l	97
28) Bromochloromethane	5.02	49	43673	17.332	ug/l	99
29) Tetrahydrofuran	5.16	42	183907	106.824	ug/l	99
30) Chloroform	5.21	83	98880	19.553	ug/l	100
31) Cyclohexane	5.58	56	86775	21.189	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	82089	19.877	ug/l	97
36) 1,1-Dichloropropene	5.80	75	70186	18.378	ug/l	94
37) Ethyl Acetate	4.86	43	96707	19.076	ug/l	98
38) Carbon Tetrachloride	5.78	117	71211	17.738	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	79454	20.374	ug/l #	84
40) Benzene	6.14	78	221530	18.528	ug/l	96
41) Methacrylonitrile	5.06	41	53780	19.129	ug/l	97
42) 1,2-Dichloroethane	6.20	62	83693	19.801	ug/l	97
43) Isopropyl Acetate	6.46	43	143660	19.634	ug/l	95
44) Trichloroethene	7.21	130	57466	19.551	ug/l	98
45) 1,2-Dichloropropane	7.52	63	59346	20.240	ug/l	96
46) Dibromomethane	7.66	93	36701	19.917	ug/l	100
47) Bromodichloromethane	7.90	83	69626	20.181	ug/l	100
48) Methyl methacrylate	7.78	41	72437	21.811	ug/l	99
49) 1,4-Dioxane	7.76	88	32702	396.348	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	509287	110.544	ug/l	99
52) Toluene	8.79	92	135103	20.564	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	75245	19.300	ug/l	94
54) cis-1,3-Dichloropropene	8.44	75	84013	20.574	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	56738	19.716	ug/l	97
56) Ethyl methacrylate	9.18	69	85627	20.148	ug/l	97
57) 1,3-Dichloropropane	9.37	76	95701	19.981	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	245263	107.518	ug/l	99
59) 2-Hexanone	9.50	43	398778	103.870	ug/l	95
60) Dibromochloromethane	9.59	129	55811	19.392	ug/l	100
61) 1,2-Dibromoethane	9.67	107	58506	18.983	ug/l	96
64) Tetrachloroethene	9.34	164	61255	19.791	ug/l	97
65) Chlorobenzene	10.14	112	150262	18.634	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	53627	18.916	ug/l	99
67) Ethyl Benzene	10.26	91	249876	19.518	ug/l	97
68) m/p-Xylenes	10.36	106	195567	39.091	ug/l	95
69) o-Xylene	10.70	106	92996	20.238	ug/l	99
70) Styrene	10.71	104	157556	19.688	ug/l	99
71) Bromoform	10.86	173	44344	18.270	ug/l #	96
73) Isopropylbenzene	11.02	105	259463	21.928	ug/l	100
74) N-amyl acetate	10.90	43	120330	19.603	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	93358	19.382	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	85086m	20.222	ug/l	
77) Bromobenzene	11.26	156	68516	19.936	ug/l	99
78) n-propylbenzene	11.36	91	291491	21.470	ug/l	99
79) 2-Chlorotoluene	11.42	91	177148	20.934	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	216139	19.811	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	24401	17.176	ug/l	97
82) 4-Chlorotoluene	11.51	91	207446	20.827	ug/l	99
83) tert-Butylbenzene	11.77	119	213452	21.910	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	224482	19.953	ug/l	100
85) sec-Butylbenzene	11.94	105	262263	22.102	ug/l	100
86) p-Isopropyltoluene	12.07	119	231937	21.574	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	127885	19.927	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	127418	19.233	ug/l	98
89) n-Butylbenzene	12.39	91	202326	20.722	ug/l	99
90) Hexachloroethane	12.60	117	34332	19.180	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	127432	19.001	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21044	19.898	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	94582	20.104	ug/l	99
94) Hexachlorobutadiene	13.79	225	47949	19.655	ug/l	100
95) Naphthalene	13.83	128	298255	19.545	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	98324	20.232	ug/l	100

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

