

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX005021.D
 Acq On : 04 Oct 2018 16:28
 Operator : JC/MD
 Sample : VX1004WBS03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBS03

Manual Integrations
 APPROVED

MMDadoda
 10/5/2018 3:24:52 PM

Quant Time: Oct 05 03:49:41 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	5.66	168	246014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	373203	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	348761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	206471	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	169379	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
35) Dibromofluoromethane	5.51	113	138465	43.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.56%	
50) Toluene-d8	8.72	98	519842	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
62) 4-Bromofluorobenzene	11.14	95	189335	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	65752	19.602	ug/l	97
3) Chloromethane	1.32	50	73753	18.123	ug/l	100
4) Vinyl Chloride	1.40	62	74840	19.608	ug/l	98
5) Bromomethane	1.64	94	44162	19.511	ug/l	97
6) Chloroethane	1.72	64	43863	19.675	ug/l	97
7) Trichlorofluoromethane	1.93	101	94958	20.096	ug/l	95
8) Diethyl Ether	2.19	74	41147	20.044	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	54574	20.275	ug/l	99
10) Methyl Iodide	2.51	142	50955	14.147	ug/l	93
11) Tert butyl alcohol	3.07	59	106493	108.375	ug/l	99
12) 1,1-Dichloroethene	2.37	96	51444	19.299	ug/l	97
13) Acrolein	2.29	56	17867	25.556	ug/l	90
14) Allyl chloride	2.73	41	117698	20.236	ug/l	96
15) Acrylonitrile	3.15	53	229578	106.131	ug/l	96
16) Acetone	2.45	43	204662	99.751	ug/l	92
17) Carbon Disulfide	2.57	76	139961	17.473	ug/l	99
18) Methyl Acetate	2.78	43	126410	24.318	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	200897	21.849	ug/l	96
20) Methylene Chloride	2.85	84	63571	20.821	ug/l	88
21) trans-1,2-Dichloroethene	3.16	96	56906	19.502	ug/l	85
22) Diisopropyl ether	3.87	45	199970	20.418	ug/l	98
23) Vinyl Acetate	3.82	43	875635	97.672	ug/l	99
24) 1,1-Dichloroethane	3.70	63	113471	19.423	ug/l	100
25) 2-Butanone	4.70	43	304443	100.666	ug/l	96
26) 2,2-Dichloropropane	4.59	77	82024	20.162	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	62468	19.163	ug/l	91
28) Bromochloromethane	5.02	49	47242	17.172	ug/l	99
29) Tetrahydrofuran	5.16	42	197895	105.279	ug/l	98
30) Chloroform	5.21	83	105150	19.044	ug/l	99
31) Cyclohexane	5.57	56	89950	20.116	ug/l	89
32) 1,1,1-Trichloroethane	5.49	97	88226	19.565	ug/l	95
36) 1,1-Dichloropropene	5.80	75	74292	17.215	ug/l	95
37) Ethyl Acetate	4.86	43	105195	18.364	ug/l	98
38) Carbon Tetrachloride	5.78	117	75058	16.546	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	82691	18.766	ug/l	86
40) Benzene	6.14	78	242734	17.967	ug/l	94
41) Methacrylonitrile	5.06	41	59148	18.619	ug/l	96
42) 1,2-Dichloroethane	6.20	62	84273	17.645	ug/l	98
43) Isopropyl Acetate	6.46	43	153474	18.563	ug/l	96
44) Trichloroethene	7.21	130	64927	19.549	ug/l	100
45) 1,2-Dichloropropane	7.52	63	63950	19.302	ug/l	97
46) Dibromomethane	7.66	93	40918	19.652	ug/l	100
47) Bromodichloromethane	7.90	83	77208	19.805	ug/l	100
48) Methyl methacrylate	7.78	41	78341	20.876	ug/l	98
49) 1,4-Dioxane	7.76	88	37326	400.357	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	557445	107.080	ug/l	99
52) Toluene	8.79	92	147014	19.803	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	83533	18.962	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	94422	20.463	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	62403	19.190	ug/l	96
56) Ethyl methacrylate	9.18	69	95184	19.868	ug/l	96
57) 1,3-Dichloropropane	9.37	76	104943	19.390	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	272618	105.997	ug/l	99
59) 2-Hexanone	9.50	43	437505	100.850	ug/l	96
60) Dibromochloromethane	9.59	129	60930	18.736	ug/l	98
61) 1,2-Dibromoethane	9.68	107	64342	18.476	ug/l	96
64) Tetrachloroethene	9.34	164	63925	18.623	ug/l	96
65) Chlorobenzene	10.14	112	164561	18.401	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	58746	18.685	ug/l	99
67) Ethyl Benzene	10.26	91	270360	19.041	ug/l	95
68) m/p-Xylenes	10.36	106	213985	38.567	ug/l	96
69) o-Xylene	10.70	106	102031	20.021	ug/l	100
70) Styrene	10.71	104	170855	19.299	ug/l	99
71) Bromoform	10.86	173	48767	18.118	ug/l	96
73) Isopropylbenzene	11.02	105	274467	21.090	ug/l	100
74) N-amyl acetate	10.90	43	130353	19.334	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	99675	18.815	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	94552m	20.431	ug/l	
77) Bromobenzene	11.26	156	74796	19.787	ug/l	100
78) n-propylbenzene	11.36	91	307596	20.600	ug/l	99
79) 2-Chlorotoluene	11.42	91	190354	20.452	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	230284	19.184	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	26683	17.088	ug/l	95
82) 4-Chlorotoluene	11.51	91	220884	20.162	ug/l	100
83) tert-Butylbenzene	11.77	119	226819	21.168	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	240102	19.398	ug/l	98
85) sec-Butylbenzene	11.94	105	270562	20.731	ug/l	100
86) p-Isopropyltoluene	12.07	119	240043	20.301	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	135370	19.178	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	137145	18.822	ug/l	99
89) n-Butylbenzene	12.39	91	207654	19.337	ug/l	100
90) Hexachloroethane	12.60	117	35241	17.900	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	136770	18.542	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23600	20.289	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	98296	18.996	ug/l	100
94) Hexachlorobutadiene	13.79	225	47076	17.545	ug/l	98
95) Naphthalene	13.83	128	317420	18.936	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	102739	19.221	ug/l	99

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

