

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX004997.D
 Acq On : 04 Oct 2018 04:41
 Operator : JC/MD
 Sample : VX1004WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBS02

Manual Integrations
 APPROVED

MMDadoda
 10/5/2018 3:24:48 PM

Quant Time: Oct 04 08:59:44 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	273056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	380166	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	357700	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	210994	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	187261	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	
35) Dibromofluoromethane	5.51	113	158540	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
50) Toluene-d8	8.72	98	546019	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
62) 4-Bromofluorobenzene	11.14	95	198608	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	74995	20.144	ug/l	99
3) Chloromethane	1.32	50	80739	17.875	ug/l	99
4) Vinyl Chloride	1.40	62	81299	19.190	ug/l	97
5) Bromomethane	1.64	94	45134	17.966	ug/l	97
6) Chloroethane	1.72	64	47835	19.289	ug/l	94
7) Trichlorofluoromethane	1.93	101	104880	19.997	ug/l	94
8) Diethyl Ether	2.19	74	44704	19.620	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	59445	19.898	ug/l	96
10) Methyl Iodide	2.51	142	54957	13.747	ug/l	91
11) Tert butyl alcohol	3.07	59	115765	106.143	ug/l	98
12) 1,1-Dichloroethene	2.37	96	58286	19.700	ug/l	96
13) Acrolein	2.29	56	20941	26.986	ug/l	93
14) Allyl chloride	2.73	41	119512	18.513	ug/l	96
15) Acrylonitrile	3.15	53	237642	98.979	ug/l	97
16) Acetone	2.45	43	209949	92.194	ug/l #	88
17) Carbon Disulfide	2.57	76	154105	17.334	ug/l #	95
18) Methyl Acetate	2.78	43	132978	23.048	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	212411	20.814	ug/l	92
20) Methylene Chloride	2.85	84	68282	20.121	ug/l	89
21) trans-1,2-Dichloroethene	3.16	96	60167	18.577	ug/l	86
22) Diisopropyl ether	3.87	45	220783	20.310	ug/l	93
23) Vinyl Acetate	3.83	43	980318	98.520	ug/l	97
24) 1,1-Dichloroethane	3.70	63	123811	19.094	ug/l	98
25) 2-Butanone	4.70	43	338646	100.886	ug/l	92
26) 2,2-Dichloropropane	4.58	77	57235	12.675	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	70131	19.383	ug/l	99
28) Bromochloromethane	5.01	49	58041	19.008	ug/l	99
29) Tetrahydrofuran	5.16	42	210826	101.051	ug/l	98
30) Chloroform	5.21	83	116640	19.033	ug/l	90
31) Cyclohexane	5.57	56	100437	20.237	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	98531	19.687	ug/l	97
36) 1,1-Dichloropropene	5.80	75	81621	18.567	ug/l	95
37) Ethyl Acetate	4.86	43	112150	19.220	ug/l	98
38) Carbon Tetrachloride	5.78	117	81207	17.574	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	85356	19.016	ug/l	86
40) Benzene	6.15	78	264911	19.249	ug/l	90
41) Methacrylonitrile	5.06	41	65052	20.102	ug/l	98
42) 1,2-Dichloroethane	6.20	62	90620	18.626	ug/l	99
43) Isopropyl Acetate	6.46	43	166075	19.719	ug/l	96
44) Trichloroethene	7.21	130	67126	19.841	ug/l	98
45) 1,2-Dichloropropane	7.52	63	67619	20.036	ug/l	98
46) Dibromomethane	7.66	93	41879	19.745	ug/l	99
47) Bromodichloromethane	7.90	83	77465	19.507	ug/l	98
48) Methyl methacrylate	7.77	41	79989	20.925	ug/l	98
49) 1,4-Dioxane	7.76	88	38559	406.007	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	562682	106.106	ug/l	99
52) Toluene	8.79	92	152229	20.130	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	81318	18.121	ug/l	90
54) cis-1,3-Dichloropropene	8.44	75	90189	19.188	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	64465	19.461	ug/l	96
56) Ethyl methacrylate	9.18	69	96683	19.819	ug/l	96
57) 1,3-Dichloropropane	9.37	76	106949	19.399	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	276313	105.537	ug/l	99
59) 2-Hexanone	9.49	43	437519	99.006	ug/l	96
60) Dibromochloromethane	9.59	129	62247	18.790	ug/l	99
61) 1,2-Dibromoethane	9.67	107	66434	18.727	ug/l	94
64) Tetrachloroethene	9.34	164	70189	19.937	ug/l	96
65) Chlorobenzene	10.14	112	170671	18.607	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	60959	18.904	ug/l	98
67) Ethyl Benzene	10.26	91	278767	19.143	ug/l	97
68) m/p-Xylenes	10.36	106	220198	38.695	ug/l	95
69) o-Xylene	10.70	106	107576	20.582	ug/l	96
70) Styrene	10.71	104	175417	19.317	ug/l	99
71) Bromoform	10.86	173	49666	17.990	ug/l #	94
73) Isopropylbenzene	11.02	105	283681	21.331	ug/l	99
74) N-amyl acetate	10.90	43	133637	19.391	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	101400	18.730	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	95688m	20.234	ug/l	
77) Bromobenzene	11.26	156	78318	20.275	ug/l	98
78) n-propylbenzene	11.36	91	318877	20.897	ug/l	99
79) 2-Chlorotoluene	11.42	91	195154	20.518	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	236742	19.301	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	24084	15.325	ug/l	98
82) 4-Chlorotoluene	11.51	91	228066	20.372	ug/l	100
83) tert-Butylbenzene	11.77	119	229971	21.003	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	249466	19.726	ug/l	99
85) sec-Butylbenzene	11.94	105	275808	20.680	ug/l	99
86) p-Isopropyltoluene	12.07	119	246802	20.425	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	137976	19.129	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	141084	18.948	ug/l	98
89) n-Butylbenzene	12.39	91	207263	18.887	ug/l	100
90) Hexachloroethane	12.60	117	36054	17.921	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	139561	18.514	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23094	19.428	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	99879	18.889	ug/l	100
94) Hexachlorobutadiene	13.78	225	47675	17.387	ug/l	99
95) Naphthalene	13.83	128	326015	19.028	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	103833	19.009	ug/l	100

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

