

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102218\
 Data File : VX005492.D
 Acq On : 23 Oct 2018 01:53
 Operator : JC/MD
 Sample : VX1022WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1022WBS02

Manual Integrations
 APPROVED

MMDadoda
 10/23/2018 1:28:09 PM

Quant Time: Oct 23 03:45:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	208975	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	297869	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	272624	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	150868	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	129806	55.97	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	111.94%	
35) Dibromofluoromethane	5.50	113	109135	55.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.64%	
50) Toluene-d8	8.72	98	357969	52.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.70%	
62) 4-Bromofluorobenzene	11.14	95	133502	52.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	31696	19.399	ug/l	99
3) Chloromethane	1.32	50	44647	18.858	ug/l	98
4) Vinyl Chloride	1.40	62	44132	18.401	ug/l	98
5) Bromomethane	1.64	94	29754	22.294	ug/l	99
6) Chloroethane	1.72	64	29088	19.540	ug/l	98
7) Trichlorofluoromethane	1.93	101	67042	20.947	ug/l	99
8) Diethyl Ether	2.19	74	27978	20.471	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.39	101	37695	20.406	ug/l	99
10) Methyl Iodide	2.51	142	42830	22.582	ug/l	99
11) Tert butyl alcohol	3.07	59	68862	105.255	ug/l	98
12) 1,1-Dichloroethene	2.37	96	36968	20.198	ug/l	91
13) Acrolein	2.29	56	27311	63.807	ug/l	96
14) Allyl chloride	2.73	41	79479	19.779	ug/l	94
15) Acrylonitrile	3.15	53	159272	107.431	ug/l	99
16) Acetone	2.45	43	143226	106.806	ug/l	89
17) Carbon Disulfide	2.57	76	92548	16.692	ug/l #	94
18) Methyl Acetate	2.78	43	93249	24.442	ug/l	93
19) Methyl tert-butyl Ether	3.20	73	141188	21.903	ug/l	93
20) Methylene Chloride	2.85	84	41614	20.526	ug/l	88
21) trans-1,2-Dichloroethene	3.17	96	39024	19.239	ug/l #	82
22) Diisopropyl ether	3.87	45	143616	21.278	ug/l #	76
23) Vinyl Acetate	3.82	43	633382	107.367	ug/l #	91
24) 1,1-Dichloroethane	3.69	63	82593	21.352	ug/l	98
25) 2-Butanone	4.71	43	216307	110.247	ug/l	94
26) 2,2-Dichloropropane	4.58	77	45924	15.874	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	43091	19.548	ug/l	94
28) Bromochloromethane	5.02	49	42766	24.252	ug/l	90
29) Tetrahydrofuran	5.16	42	139807	111.709	ug/l	90
30) Chloroform	5.23	83	77173	21.494	ug/l #	83
31) Cyclohexane	5.57	56	61966	19.436	ug/l #	73
32) 1,1,1-Trichloroethane	5.49	97	64252	20.567	ug/l	98
36) 1,1-Dichloropropene	5.80	75	52748	18.285	ug/l	98
37) Ethyl Acetate	4.86	43	76033	20.494	ug/l	98
38) Carbon Tetrachloride	5.78	117	54539	18.815	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	51910	16.626	ug/l	93
40) Benzene	6.15	78	168445	19.465	ug/l	96
41) Methacrylonitrile	5.06	41	42154	21.194	ug/l	98
42) 1,2-Dichloroethane	6.20	62	63320	20.722	ug/l	96
43) Isopropyl Acetate	6.46	43	109930	22.244	ug/l	96
44) Trichloroethene	7.21	130	42506	18.849	ug/l	91
45) 1,2-Dichloropropane	7.52	63	42761	20.144	ug/l	98
46) Dibromomethane	7.66	93	27204	19.417	ug/l	99
47) Bromodichloromethane	7.90	83	53292	20.564	ug/l	100
48) Methyl methacrylate	7.77	41	53216	20.762	ug/l	94
49) 1,4-Dioxane	7.75	88	24069	407.124	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	381830	111.583	ug/l	93
52) Toluene	8.79	92	96370	20.355	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	54405	19.398	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	59396	19.545	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	41499	20.694	ug/l	98
56) Ethyl methacrylate	9.18	69	59814	20.461	ug/l	93
57) 1,3-Dichloropropane	9.37	76	68579	20.489	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	179782	109.658	ug/l	94
59) 2-Hexanone	9.49	43	297078	107.925	ug/l	92
60) Dibromochloromethane	9.59	129	42263	20.389	ug/l	100
61) 1,2-Dibromoethane	9.67	107	42720	20.299	ug/l	99
64) Tetrachloroethene	9.34	164	44625	20.332	ug/l	97
65) Chlorobenzene	10.14	112	109946	18.959	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	40768	19.728	ug/l	99
67) Ethyl Benzene	10.25	91	180061	19.100	ug/l	96
68) m/p-Xylenes	10.36	106	138792	37.931	ug/l	92
69) o-Xylene	10.70	106	66401	18.816	ug/l	94
70) Styrene	10.71	104	113898	19.623	ug/l	97
71) Bromoform	10.86	173	34711	18.796	ug/l	# 99
73) Isopropylbenzene	11.02	105	186702	20.817	ug/l	99
74) N-amyl acetate	10.90	43	88483	20.455	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	68078	20.122	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	64211m	21.942	ug/l	
77) Bromobenzene	11.26	156	50962	19.873	ug/l	97
78) n-propylbenzene	11.36	91	213638	20.700	ug/l	98
79) 2-Chlorotoluene	11.42	91	130042	20.574	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	157341	20.486	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	17117	17.773	ug/l	96
82) 4-Chlorotoluene	11.51	91	153650	20.507	ug/l	99
83) tert-Butylbenzene	11.77	119	153472	19.733	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	164540	20.818	ug/l	96
85) sec-Butylbenzene	11.94	105	187135	20.332	ug/l	98
86) p-Isopropyltoluene	12.07	119	167265	20.107	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	92939	19.395	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	94480	19.273	ug/l	97
89) n-Butylbenzene	12.39	91	143148	18.952	ug/l	96
90) Hexachloroethane	12.60	117	25561	17.829	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	95606	19.551	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16529	20.029	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	68075	18.975	ug/l	99
94) Hexachlorobutadiene	13.79	225	34278	18.091	ug/l	97
95) Naphthalene	13.83	128	212422	20.416	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	71244	19.408	ug/l	99

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

