

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100918\
 Data File : VX005160.D
 Acq On : 09 Oct 2018 15:48
 Operator : JC/MD
 Sample : VX1009WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/10/2018 2:07:59 PM

Quant Time: Oct 10 06:48:27 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	199456	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	289757	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	276046	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	171050	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	143652	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
35) Dibromofluoromethane	5.50	113	114398	46.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.16%	
50) Toluene-d8	8.72	98	422755	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	
62) 4-Bromofluorobenzene	11.14	95	157883	53.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	71399	26.254	ug/l	96
3) Chloromethane	1.32	50	80578	24.422	ug/l	98
4) Vinyl Chloride	1.40	62	78638	25.412	ug/l	98
5) Bromomethane	1.64	94	44506	24.253	ug/l	96
6) Chloroethane	1.72	64	44184	25.037	ug/l	97
7) Trichlorofluoromethane	1.93	101	99287	25.917	ug/l	95
8) Diethyl Ether	2.19	74	38103	22.894	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	54293	24.879	ug/l	99
10) Methyl Iodide	2.51	142	60242	20.629	ug/l	91
11) Tert butyl alcohol	3.08	59	94564	118.699	ug/l	99
12) 1,1-Dichloroethene	2.37	96	51783	23.961	ug/l	93
13) Acrolein	2.29	56	60533	106.792	ug/l	90
14) Allyl chloride	2.73	41	116748	24.758	ug/l	95
15) Acrylonitrile	3.15	53	211077	120.356	ug/l	96
16) Acetone	2.45	43	187521	112.731	ug/l	94
17) Carbon Disulfide	2.57	76	157706	24.285	ug/l	99
18) Methyl Acetate	2.78	43	106583	25.290	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	186892	25.071	ug/l	96
20) Methylene Chloride	2.85	84	59725	24.262	ug/l	90
21) trans-1,2-Dichloroethene	3.16	96	55834	23.601	ug/l #	82
22) Diisopropyl ether	3.87	45	186173	23.446	ug/l	98
23) Vinyl Acetate	3.82	43	839802	115.542	ug/l	99
24) 1,1-Dichloroethane	3.70	63	112131	23.673	ug/l	99
25) 2-Butanone	4.71	43	271691	110.806	ug/l	97
26) 2,2-Dichloropropane	4.58	77	74638	22.629	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	58254	22.042	ug/l	93
28) Bromochloromethane	5.02	49	43533	19.517	ug/l	98
29) Tetrahydrofuran	5.16	42	177108	116.214	ug/l	98
30) Chloroform	5.21	83	101073	22.578	ug/l	97
31) Cyclohexane	5.57	56	91338	25.195	ug/l	86
32) 1,1,1-Trichloroethane	5.49	97	86994	23.796	ug/l	95
36) 1,1-Dichloropropene	5.80	75	74302	22.176	ug/l	96
37) Ethyl Acetate	4.86	43	98758	22.205	ug/l	98
38) Carbon Tetrachloride	5.78	117	76685	21.773	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	83919	24.529	ug/l #	84
40) Benzene	6.14	78	231465	22.066	ug/l	97
41) Methacrylonitrile	5.06	41	53028	21.499	ug/l	96
42) 1,2-Dichloroethane	6.20	62	83686	22.568	ug/l	97
43) Isopropyl Acetate	6.46	43	144622	22.529	ug/l	98
44) Trichloroethene	7.21	130	61021	23.664	ug/l	92
45) 1,2-Dichloropropane	7.52	63	58904	22.899	ug/l	99
46) Dibromomethane	7.66	93	39535	24.455	ug/l	98
47) Bromodichloromethane	7.90	83	73426	24.259	ug/l	98
48) Methyl methacrylate	7.78	41	73602	25.261	ug/l	99
49) 1,4-Dioxane	7.76	88	32868	454.068	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	509638	126.089	ug/l	99
52) Toluene	8.79	92	141299	24.515	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	79277	23.178	ug/l	93
54) cis-1,3-Dichloropropene	8.44	75	88162	24.609	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	58397	23.130	ug/l	94
56) Ethyl methacrylate	9.18	69	84894	22.397	ug/l	99
57) 1,3-Dichloropropane	9.37	76	97265	23.147	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	211207	105.799	ug/l	99
59) 2-Hexanone	9.50	43	397254	117.944	ug/l	95
60) Dibromochloromethane	9.59	129	57853	22.913	ug/l	100
61) 1,2-Dibromoethane	9.68	107	59993	22.188	ug/l	94
64) Tetrachloroethene	9.34	164	61341	22.578	ug/l	95
65) Chlorobenzene	10.14	112	156708	22.138	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	56715	22.791	ug/l	98
67) Ethyl Benzene	10.26	91	259986	23.134	ug/l	96
68) m/p-Xylenes	10.36	106	205867	46.878	ug/l	96
69) o-Xylene	10.70	106	97814	24.250	ug/l	99
70) Styrene	10.71	104	163921	22.939	ug/l	99
71) Bromoform	10.86	173	46522	21.836	ug/l	93
73) Isopropylbenzene	11.02	105	268759	24.928	ug/l	100
74) N-amyl acetate	10.90	43	123903	21.925	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	92976	21.185	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	87165m	22.736	ug/l	
77) Bromobenzene	11.26	156	71917	22.965	ug/l	98
78) n-propylbenzene	11.36	91	306269	24.758	ug/l	100
79) 2-Chlorotoluene	11.42	91	186232	24.152	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	228416	23.008	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	25351	19.305	ug/l	97
82) 4-Chlorotoluene	11.51	91	218173	24.039	ug/l	99
83) tert-Butylbenzene	11.77	119	221050	24.902	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	232425	22.700	ug/l	99
85) sec-Butylbenzene	11.94	105	268996	24.879	ug/l	100
86) p-Isopropyltoluene	12.07	119	241305	24.633	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	131515	22.491	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	134115	22.218	ug/l	99
89) n-Butylbenzene	12.39	91	207010	23.269	ug/l	100
90) Hexachloroethane	12.60	117	37763	23.153	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	132538	21.689	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22142	22.977	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	97051	22.640	ug/l	99
94) Hexachlorobutadiene	13.78	225	50869	22.884	ug/l	100
95) Naphthalene	13.83	128	297484	21.327	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	101055	22.821	ug/l	100

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

