

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020619\
 Data File : VX007392.D
 Acq On : 06 Feb 2019 11:58
 Operator : JC/SP
 Sample : VX0206WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/7/2019 9:52:54 AM

Quant Time: Feb 07 00:39:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	492597	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	691753	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	638913	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	351147	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	242250	46.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.66%	
35) Dibromofluoromethane	5.50	113	212611	47.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.48%	
50) Toluene-d8	8.71	98	814425	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
62) 4-Bromofluorobenzene	11.14	95	301620	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	111161	18.476	ug/l	99
3) Chloromethane	1.32	50	98047	17.671	ug/l	100
4) Vinyl Chloride	1.41	62	99488	18.278	ug/l	98
5) Bromomethane	1.64	94	75199	13.615	ug/l	100
6) Chloroethane	1.70	64	66430	18.866	ug/l	94
7) Trichlorofluoromethane	1.88	101	119884	14.079	ug/l	97
8) Diethyl Ether	2.20	74	58588	18.281	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.34	101	94565	18.670	ug/l	99
10) Methyl Iodide	2.48	142	122476	16.438	ug/l	98
11) Tert butyl alcohol	3.22	59	115421	106.669	ug/l #	1
12) 1,1-Dichloroethene	2.34	96	82111	17.458	ug/l	97
13) Acrolein	2.31	56	45111	88.906	ug/l	99
14) Allyl chloride	2.71	41	137789	17.980	ug/l	99
15) Acrylonitrile	3.17	53	245538	91.730	ug/l	99
16) Acetone	2.48	43	209734	87.570	ug/l	98
17) Carbon Disulfide	2.53	76	181863	16.281	ug/l	99
18) Methyl Acetate	2.79	43	138005	22.446	ug/l	98
19) Methyl tert-butyl Ether	3.22	73	281802	18.494	ug/l	95
20) Methylene Chloride	2.84	84	92580	18.678	ug/l	94
21) trans-1,2-Dichloroethene	3.15	96	87151	17.395	ug/l	98
22) Diisopropyl ether	3.89	45	255079	18.095	ug/l	93
23) Vinyl Acetate	3.82	43	943399	80.649	ug/l	100
24) 1,1-Dichloroethane	3.68	63	158808	19.617	ug/l	99
25) 2-Butanone	4.73	43	300481	88.158	ug/l	99
26) 2,2-Dichloropropane	4.57	77	110117	17.862	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	93801	17.141	ug/l	99
28) Bromochloromethane	5.01	49	65089	17.484	ug/l	99
29) Tetrahydrofuran	5.17	42	200548	93.553	ug/l	98
30) Chloroform	5.21	83	146491	17.342	ug/l	93
31) Cyclohexane	5.56	56	132954	18.286	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	127428	17.871	ug/l	99
36) 1,1-Dichloropropene	5.79	75	108987	17.560	ug/l	99
37) Ethyl Acetate	4.87	43	117852	18.784	ug/l	99
38) Carbon Tetrachloride	5.77	117	107604	17.870	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	139514	18.578	ug/l	97
40) Benzene	6.13	78	339513	18.570	ug/l	99
41) Methacrylonitrile	5.07	41	61893	18.406	ug/l	97
42) 1,2-Dichloroethane	6.20	62	117325	18.547	ug/l	97
43) Isopropyl Acetate	6.47	43	178338	18.415	ug/l	99
44) Trichloroethene	7.21	130	99865	18.136	ug/l	97
45) 1,2-Dichloropropane	7.51	63	83884	18.312	ug/l	100
46) Dibromomethane	7.66	93	59168	17.771	ug/l	99
47) Bromodichloromethane	7.90	83	93214	16.520	ug/l	98
48) Methyl methacrylate	7.78	41	90116	18.603	ug/l	98
49) 1,4-Dioxane	7.79	88	44108	404.515	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	611617	95.937	ug/l	98
52) Toluene	8.78	92	218587	18.531	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	105148	17.348	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	118155	17.727	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	90079	18.320	ug/l	96
56) Ethyl methacrylate	9.18	69	120917	17.755	ug/l	99
57) 1,3-Dichloropropane	9.37	76	144359	18.461	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	350446	97.630	ug/l	99
59) 2-Hexanone	9.51	43	481412	97.040	ug/l	100
60) Dibromochloromethane	9.59	129	77288	16.620	ug/l	98
61) 1,2-Dibromoethane	9.67	107	94549	18.157	ug/l	100
64) Tetrachloroethene	9.33	164	99904	16.590	ug/l	97
65) Chlorobenzene	10.14	112	244187	17.514	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	83193	17.797	ug/l	98
67) Ethyl Benzene	10.25	91	400701	17.847	ug/l	96
68) m/p-Xylenes	10.36	106	318051	35.635	ug/l	99
69) o-Xylene	10.70	106	158170	18.417	ug/l	99
70) Styrene	10.71	104	248246	17.823	ug/l	99
71) Bromoform	10.86	173	58200	17.081	ug/l	99
73) Isopropylbenzene	11.02	105	418840	17.552	ug/l	99
74) N-amyl acetate	10.90	43	165477	17.929	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	141244	19.422	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	121539m	17.794	ug/l	
77) Bromobenzene	11.26	156	113652	16.904	ug/l	98
78) n-propylbenzene	11.36	91	453977	17.350	ug/l	99
79) 2-Chlorotoluene	11.42	91	280414	17.661	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	349362	17.896	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	32793	17.814	ug/l	96
82) 4-Chlorotoluene	11.51	91	322308	17.544	ug/l	100
83) tert-Butylbenzene	11.77	119	352216	18.223	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	360385	18.183	ug/l	100
85) sec-Butylbenzene	11.94	105	421230	18.007	ug/l	100
86) p-Isopropyltoluene	12.07	119	371997	17.616	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	207045	17.159	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	213662	17.454	ug/l	100
89) n-Butylbenzene	12.39	91	293197	16.140	ug/l	99
90) Hexachloroethane	12.60	117	55225	17.474	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	216744	18.050	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	25282	16.719	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	142255	17.566	ug/l	99
94) Hexachlorobutadiene	13.78	225	72522	18.443	ug/l	97
95) Naphthalene	13.83	128	444540	18.772	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	147947	18.150	ug/l	100

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

