

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050919\
 Data File : VX009418.D
 Acq On : 09 May 2019 11:31
 Operator : JC/SP
 Sample : VX0509WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 Client Sampled :
 VX0509WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/10/2019 1:11:51 PM

Quant Time: May 10 07:27:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	172001	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	268648	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	242003	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	119356	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	119177	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
35) Dibromofluoromethane	5.49	113	88822	52.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.18%	
50) Toluene-d8	8.71	98	358606	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	
62) 4-Bromofluorobenzene	11.13	95	130402	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	29218	18.434	ug/l 100
3) Chloromethane	1.32	50	41997	19.408	ug/l 100
4) Vinyl Chloride	1.40	62	41169	19.510	ug/l 98
5) Bromomethane	1.64	94	23938	18.901	ug/l 94
6) Chloroethane	1.72	64	26213	19.349	ug/l 100
7) Trichlorofluoromethane	1.93	101	51459	20.062	ug/l 98
8) Diethyl Ether	2.18	74	23676	19.487	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	32152	19.961	ug/l 98
10) Methyl Iodide	2.51	142	32652	20.438	ug/l 99
11) Tert butyl alcohol	3.04	59	48222	88.723	ug/l 97
12) 1,1-Dichloroethene	2.37	96	32132	19.910	ug/l 96
13) Acrolein	2.29	56	46913	95.309	ug/l 98
14) Allyl chloride	2.73	41	73962	18.805	ug/l 99
15) Acrylonitrile	3.14	53	120288	90.516	ug/l 98
16) Acetone	2.44	43	113088	89.696	ug/l 98
17) Carbon Disulfide	2.57	76	93645	20.667	ug/l 99
18) Methyl Acetate	2.77	43	52424	17.484	ug/l 100
19) Methyl tert-butyl Ether	3.19	73	119875	19.128	ug/l 99
20) Methylene Chloride	2.85	84	38232	18.728	ug/l 98
21) trans-1,2-Dichloroethene	3.16	96	34603	19.770	ug/l 100
22) Diisopropyl ether	3.85	45	144261	19.073	ug/l 90
23) Vinyl Acetate	3.81	43	637161	98.376	ug/l 100
24) 1,1-Dichloroethane	3.70	63	70878	18.996	ug/l 98
25) 2-Butanone	4.67	43	179429	91.581	ug/l 99
26) 2,2-Dichloropropane	4.58	77	52393	18.865	ug/l 100
27) cis-1,2-Dichloroethene	4.59	96	40932	19.593	ug/l 98
28) Bromochloromethane	5.01	49	29068	17.575	ug/l 99
29) Tetrahydrofuran	5.12	42	118051	93.635	ug/l 100
30) Chloroform	5.21	83	65921	19.534	ug/l 97
31) Cyclohexane	5.57	56	69739	20.090	ug/l 100
32) 1,1,1-Trichloroethane	5.49	97	54472	19.390	ug/l 99
36) 1,1-Dichloropropene	5.79	75	51010	20.432	ug/l 99
37) Ethyl Acetate	4.83	43	67926	19.527	ug/l 99
38) Carbon Tetrachloride	5.78	117	44596	19.660	ug/l 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	63939	20.854	ug/l	96
40) Benzene	6.14	78	155740	20.157	ug/l	99
41) Methacrylonitrile	5.04	41	37546	18.133	ug/l	96
42) 1,2-Dichloroethane	6.19	62	55990	20.201	ug/l	99
43) Isopropyl Acetate	6.44	43	105499	18.961	ug/l	100
44) Trichloroethene	7.21	130	37931	20.307	ug/l	97
45) 1,2-Dichloropropane	7.51	63	43962	20.094	ug/l	100
46) Dibromomethane	7.66	93	24700	19.441	ug/l	96
47) Bromodichloromethane	7.89	83	49546	19.550	ug/l	100
48) Methyl methacrylate	7.77	41	53747	19.470	ug/l	100
49) 1,4-Dioxane	7.74	88	20982	374.803	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	347664	95.597	ug/l	100
52) Toluene	8.78	92	95437	20.320	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	57116	19.962	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	62945	19.875	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	37735	19.693	ug/l	99
56) Ethyl methacrylate	9.18	69	66073	19.317	ug/l	100
57) 1,3-Dichloropropane	9.37	76	66919	19.846	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	168046	92.612	ug/l	99
59) 2-Hexanone	9.49	43	270152	94.582	ug/l	99
60) Dibromochloromethane	9.58	129	36494	19.500	ug/l	100
61) 1,2-Dibromoethane	9.67	107	38911	20.117	ug/l	99
64) Tetrachloroethene	9.34	164	34585	20.834	ug/l	98
65) Chlorobenzene	10.13	112	98264	20.298	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	35044	19.967	ug/l	99
67) Ethyl Benzene	10.25	91	180621	20.273	ug/l	99
68) m/p-Xylenes	10.35	106	134692	41.369	ug/l	100
69) o-Xylene	10.69	106	65476	20.382	ug/l	98
70) Styrene	10.71	104	111926	20.046	ug/l	99
71) Bromoform	10.85	173	27045	18.962	ug/l	99
73) Isopropylbenzene	11.02	105	174693	20.127	ug/l	99
74) N-amyl acetate	10.90	43	93716	18.520	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	60575	18.722	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	54041m	19.519	ug/l	
77) Bromobenzene	11.26	156	43122	20.017	ug/l	98
78) n-propylbenzene	11.36	91	200795	20.257	ug/l	99
79) 2-Chlorotoluene	11.42	91	119562	19.551	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	148577	20.330	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	19406	17.934	ug/l	95
82) 4-Chlorotoluene	11.51	91	138947	20.112	ug/l	99
83) tert-Butylbenzene	11.77	119	141647	19.924	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	150011	20.450	ug/l	99
85) sec-Butylbenzene	11.94	105	169550	20.116	ug/l	100
86) p-Isopropyltoluene	12.06	119	154322	20.366	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	76257	19.857	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	77232	19.947	ug/l	98
89) n-Butylbenzene	12.38	91	139709	20.400	ug/l	100
90) Hexachloroethane	12.59	117	24914	19.300	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	77310	19.764	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13658	18.817	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	54433	20.350	ug/l	99
94) Hexachlorobutadiene	13.78	225	28367	20.767	ug/l	98
95) Naphthalene	13.83	128	176163	20.243	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	56729	20.922	ug/l	99

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

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