

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090418\
 Data File : VX004342.D
 Acq On : 04 Sep 2018 13:04
 Operator : JC/MD
 Sample : VX0904WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/5/2018 4:52:22 PM

Quant Time: Sep 05 07:04:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	177454	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	307397	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	304515	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	194859	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	160778	69.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	139.02%	
35) Dibromofluoromethane	5.50	113	131343	57.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.86%	
50) Toluene-d8	8.71	98	457352	52.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.96%	
62) 4-Bromofluorobenzene	11.14	95	181188	56.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	26430	12.86	ug/l	96
3) Chloromethane	1.32	50	52008	23.05	ug/l	98
4) Vinyl Chloride	1.40	62	43763	18.82	ug/l	99
5) Bromomethane	1.63	94	27178	22.60	ug/l	99
6) Chloroethane	1.71	64	38025	22.16	ug/l	99
7) Trichlorofluoromethane	1.92	101	48070	15.09	ug/l	90
8) Diethyl Ether	2.18	74	38314	28.08	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	27367	13.71	ug/l	99
10) Methyl Iodide	2.50	142	39595	20.35	ug/l	98
11) Tert butyl alcohol	3.08	59	82218	166.76	ug/l	99
12) 1,1-Dichloroethene	2.37	96	34984	18.61	ug/l	98
13) Acrolein	2.29	56	19714	165.86	ug/l	98
14) Allyl chloride	2.72	41	90231	26.12	ug/l	94
15) Acrylonitrile	3.15	53	193121	158.17	ug/l	100
16) Acetone	2.45	43	163385	170.48	ug/l	100
17) Carbon Disulfide	2.56	76	88766	17.53	ug/l	100
18) Methyl Acetate	2.78	43	138814	40.44	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	179800	29.02	ug/l	98
20) Methylene Chloride	2.85	84	61392	27.57	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	45478	21.86	ug/l	96
22) Diisopropyl ether	3.87	45	175154	27.16	ug/l	95
23) Vinyl Acetate	3.82	43	701592	134.23	ug/l	99
24) 1,1-Dichloroethane	3.69	63	94631	25.18	ug/l	98
25) 2-Butanone	4.70	43	247758	158.83	ug/l	98
26) 2,2-Dichloropropane	4.57	77	62135	21.08	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	57701	24.45	ug/l	100
28) Bromochloromethane	5.01	49	48621	29.22	ug/l	99
29) Tetrahydrofuran	5.16	42	155403	156.38	ug/l	99
30) Chloroform	5.21	83	99140	26.31	ug/l	97
31) Cyclohexane	5.57	56	43700	13.48	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	65304	20.78	ug/l	99
36) 1,1-Dichloropropene	5.79	75	52854	15.29	ug/l	99
37) Ethyl Acetate	4.86	43	85318	25.10	ug/l	100
38) Carbon Tetrachloride	5.78	117	50292	15.47	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	39549	10.02	ug/l	96
40) Benzene	6.14	78	214865	20.81	ug/l	100
41) Methacrylonitrile	5.06	41	50676	25.72	ug/l	98
42) 1,2-Dichloroethane	6.20	62	81128	23.03	ug/l	99
43) Isopropyl Acetate	6.46	43	124850	23.91	ug/l	99
44) Trichloroethene	7.21	130	52522	18.37	ug/l	99
45) 1,2-Dichloropropane	7.52	63	58432	22.61	ug/l	97
46) Dibromomethane	7.67	93	39634	23.03	ug/l	99
47) Bromodichloromethane	7.90	83	72255	22.57	ug/l	99
48) Methyl methacrylate	7.77	41	66506	23.80	ug/l	100
49) 1,4-Dioxane	7.76	88	34648	546.09	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	466522	122.94	ug/l	98
52) Toluene	8.79	92	133809	20.70	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	79090	22.36	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	88550	22.99	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	63292	24.26	ug/l	96
56) Ethyl methacrylate	9.18	69	81940	23.07	ug/l	99
57) 1,3-Dichloropropane	9.37	76	106416	24.20	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	218574	120.09	ug/l	100
59) 2-Hexanone	9.50	43	357079	123.35	ug/l	99
60) Dibromochloromethane	9.59	129	59077	23.24	ug/l	99
61) 1,2-Dibromoethane	9.67	107	65442	24.23	ug/l	98
64) Tetrachloroethene	9.34	164	53306	17.72	ug/l	98
65) Chlorobenzene	10.14	112	146845	19.21	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	54529	20.69	ug/l	98
67) Ethyl Benzene	10.25	91	212216	17.10	ug/l	97
68) m/p-Xylenes	10.36	106	173877	35.83	ug/l	92
69) o-Xylene	10.70	106	90630	19.74	ug/l	99
70) Styrene	10.71	104	156372	21.04	ug/l	99
71) Bromoform	10.86	173	44919	21.14	ug/l #	97
73) Isopropylbenzene	11.02	105	219926	17.18	ug/l	100
74) N-amyl acetate	10.90	43	101061	20.51	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	96628	21.58	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	91515m	23.09	ug/l	
77) Bromobenzene	11.26	156	72888	20.30	ug/l	98
78) n-propylbenzene	11.36	91	245693	16.69	ug/l	99
79) 2-Chlorotoluene	11.42	91	174161	19.22	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	195196	18.42	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	25610	20.97	ug/l	96
82) 4-Chlorotoluene	11.51	91	201718	18.92	ug/l	99
83) tert-Butylbenzene	11.77	119	180302	16.91	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	208088	19.13	ug/l	99
85) sec-Butylbenzene	11.94	105	202668	16.01	ug/l	99
86) p-Isopropyltoluene	12.07	119	188571	16.62	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	131090	19.39	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	128191	17.99	ug/l	97
89) n-Butylbenzene	12.39	91	135855	14.73	ug/l	97
90) Hexachloroethane	12.60	117	26906	16.97	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	122906	19.90	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17731	22.48	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	84784	18.86	ug/l	98
94) Hexachlorobutadiene	13.79	225	33296	15.83	ug/l	97
95) Naphthalene	13.83	128	282290	22.20	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	97413	20.47	ug/l	99

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

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