

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091018\
 Data File : VX004448.D
 Acq On : 10 Sep 2018 15:01
 Operator : JC/MD
 Sample : VX0910WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/11/2018 3:06:43 PM

Quant Time: Sep 11 01:47:24 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	5.67	168	328180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	472097	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	415918	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	279050	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	197445	46.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.32%	
35) Dibromofluoromethane	5.50	113	174759	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
50) Toluene-d8	8.71	98	647849	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
62) 4-Bromofluorobenzene	11.14	95	242390	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	57342	15.09	ug/l	96
3) Chloromethane	1.32	50	69119	16.65	ug/l	98
4) Vinyl Chloride	1.40	62	75802	17.63	ug/l	98
5) Bromomethane	1.64	94	35196	15.19	ug/l	98
6) Chloroethane	1.72	64	52282	16.51	ug/l	96
7) Trichlorofluoromethane	1.93	101	105765	17.95	ug/l	94
8) Diethyl Ether	2.19	74	48838	19.36	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	69052	18.71	ug/l	99
10) Methyl Iodide	2.51	142	62982	18.10	ug/l	98
11) Tert butyl alcohol	3.07	59	91797	100.68	ug/l	100
12) 1,1-Dichloroethene	2.37	96	63202	18.18	ug/l	95
13) Acrolein	2.29	56	23951	108.96	ug/l	94
14) Allyl chloride	2.73	41	126564	19.81	ug/l	96
15) Acrylonitrile	3.15	53	226425	100.27	ug/l	99
16) Acetone	2.45	43	186790	102.20	ug/l	98
17) Carbon Disulfide	2.57	76	150545	16.14	ug/l	100
18) Methyl Acetate	2.78	43	172972	27.25	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	226476	19.77	ug/l	99
20) Methylene Chloride	2.85	84	76865	18.67	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	68092	17.69	ug/l	99
22) Diisopropyl ether	3.87	45	231907	19.44	ug/l	95
23) Vinyl Acetate	3.82	43	850195	87.95	ug/l	99
24) 1,1-Dichloroethane	3.69	63	131768	18.96	ug/l	99
25) 2-Butanone	4.70	43	278702	95.48	ug/l	99
26) 2,2-Dichloropropane	4.58	77	101386	18.60	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	79547	18.23	ug/l	99
28) Bromochloromethane	5.01	49	61653	20.04	ug/l	98
29) Tetrahydrofuran	5.15	42	174567	94.99	ug/l	99
30) Chloroform	5.21	83	132137	18.96	ug/l	100
31) Cyclohexane	5.57	56	104118	17.36	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	108352	18.65	ug/l	99
36) 1,1-Dichloropropene	5.80	75	93022	17.53	ug/l	99
37) Ethyl Acetate	4.85	43	95985	18.39	ug/l	99
38) Carbon Tetrachloride	5.78	117	92037	18.43	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	106712	17.61	ug/l	99
40) Benzene	6.14	78	297019	18.73	ug/l	99
41) Methacrylonitrile	5.06	41	59421	19.64	ug/l	98
42) 1,2-Dichloroethane	6.20	62	100427	18.56	ug/l	99
43) Isopropyl Acetate	6.46	43	150340	18.74	ug/l	100
44) Trichloroethene	7.21	130	82155	18.71	ug/l	98
45) 1,2-Dichloropropane	7.52	63	79801	20.11	ug/l	99
46) Dibromomethane	7.66	93	49618	18.77	ug/l	99
47) Bromodichloromethane	7.90	83	95420	19.40	ug/l	100
48) Methyl methacrylate	7.77	41	82512	19.23	ug/l	98
49) 1,4-Dioxane	7.76	88	39240	402.70	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	546638	93.80	ug/l	99
52) Toluene	8.79	92	191324	19.27	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	104429	19.23	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	115140	19.46	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	80289	20.04	ug/l	99
56) Ethyl methacrylate	9.18	69	104804	19.21	ug/l	97
57) 1,3-Dichloropropane	9.37	76	132382	19.60	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	296231	105.98	ug/l	99
59) 2-Hexanone	9.50	43	407872	91.74	ug/l	100
60) Dibromochloromethane	9.59	129	75237	19.27	ug/l	99
61) 1,2-Dibromoethane	9.67	107	79689	19.22	ug/l	100
64) Tetrachloroethene	9.34	164	93526	22.76	ug/l	99
65) Chlorobenzene	10.14	112	197152	18.89	ug/l	90
66) 1,1,1,2-Tetrachloroethane	10.23	131	68697	19.08	ug/l	100
67) Ethyl Benzene	10.26	91	318299	18.78	ug/l	95
68) m/p-Xylenes	10.36	106	250266	37.75	ug/l	99
69) o-Xylene	10.70	106	118571	18.91	ug/l	99
70) Styrene	10.71	104	202360	19.93	ug/l	99
71) Bromoform	10.86	173	55705	19.19	ug/l #	99
73) Isopropylbenzene	11.02	105	349006	19.04	ug/l	99
74) N-amyl acetate	10.90	43	130300	18.46	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	117722	18.35	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	110070m	19.39	ug/l	
77) Bromobenzene	11.26	156	96843	18.84	ug/l	98
78) n-propylbenzene	11.36	91	412685	19.58	ug/l	100
79) 2-Chlorotoluene	11.42	91	247445	19.07	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	298142	19.64	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	32191	18.40	ug/l	99
82) 4-Chlorotoluene	11.51	91	288450	18.89	ug/l	99
83) tert-Butylbenzene	11.77	119	286713	18.78	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	309682	19.88	ug/l	100
85) sec-Butylbenzene	11.94	105	365746	20.17	ug/l	100
86) p-Isopropyltoluene	12.07	119	327860	20.18	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	178598	18.45	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	183752	18.00	ug/l	99
89) n-Butylbenzene	12.39	91	271196	20.53	ug/l	99
90) Hexachloroethane	12.60	117	44434	19.57	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	181867	20.56	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20924	18.52	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	128065	19.90	ug/l	98
94) Hexachlorobutadiene	13.79	225	65367	21.75	ug/l	97
95) Naphthalene	13.83	128	365172	20.06	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	133935	19.66	ug/l	98

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

