

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081018\
 Data File : VX003967.D
 Acq On : 10 Aug 2018 10:58
 Operator : JC/MD
 Sample : VX0810WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0810WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/13/2018 11:02:00 AM

Quant Time: Aug 11 02:09:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	338074	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	480062	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	445409	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	265385	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	220109	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
35) Dibromofluoromethane	5.50	113	183566	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
50) Toluene-d8	8.71	98	714416	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
62) 4-Bromofluorobenzene	11.14	95	247523	54.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	65371	19.08	ug/l	98
3) Chloromethane	1.32	50	76077	16.32	ug/l	99
4) Vinyl Chloride	1.40	62	84487	18.18	ug/l	100
5) Bromomethane	1.64	94	46000	15.89	ug/l	98
6) Chloroethane	1.72	64	59443	19.99	ug/l	98
7) Trichlorofluoromethane	1.93	101	117240	19.10	ug/l	98
8) Diethyl Ether	2.19	74	51242	18.57	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	73651	19.20	ug/l	100
10) Methyl Iodide	2.51	142	52705	11.04	ug/l	100
11) Tert butyl alcohol	3.06	59	90637	84.17	ug/l	98
12) 1,1-Dichloroethene	2.37	96	67521	18.61	ug/l	96
13) Acrolein	2.29	56	40571	68.38	ug/l	100
14) Allyl chloride	2.73	41	128726	18.40	ug/l	98
15) Acrylonitrile	3.15	53	222934	86.76	ug/l	99
16) Acetone	2.44	43	242875	91.10	ug/l	99
17) Carbon Disulfide	2.57	76	182785	18.06	ug/l	99
18) Methyl Acetate	2.78	43	107609	18.54	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	244329	19.00	ug/l	100
20) Methylene Chloride	2.85	84	82242	18.42	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	75721	18.38	ug/l	95
22) Diisopropyl ether	3.87	45	239641	18.64	ug/l	99
23) Vinyl Acetate	3.82	43	1032652	96.52	ug/l	100
24) 1,1-Dichloroethane	3.70	63	143379	18.77	ug/l	99
25) 2-Butanone	4.70	43	360790	90.00	ug/l	99
26) 2,2-Dichloropropane	4.58	77	111628	20.27	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	86027	19.25	ug/l	98
28) Bromochloromethane	5.01	49	62083	18.99	ug/l	100
29) Tetrahydrofuran	5.15	42	178604	86.69	ug/l	100
30) Chloroform	5.21	83	140662	19.56	ug/l	99
31) Cyclohexane	5.57	56	120452	18.65	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	117387	19.47	ug/l	99
36) 1,1-Dichloropropene	5.80	75	105033	19.53	ug/l	100
37) Ethyl Acetate	4.85	43	107687	18.21	ug/l	100
38) Carbon Tetrachloride	5.78	117	102577	20.04	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	121440	19.16	ug/l	98
40) Benzene	6.14	78	322322	19.96	ug/l	99
41) Methacrylonitrile	5.06	41	61795	18.97	ug/l	98
42) 1,2-Dichloroethane	6.20	62	110561	20.25	ug/l	100
43) Isopropyl Acetate	6.46	43	164871	18.52	ug/l	100
44) Trichloroethene	7.21	130	85842	19.44	ug/l	94
45) 1,2-Dichloropropane	7.51	63	79778	19.14	ug/l	99
46) Dibromomethane	7.66	93	52477	19.39	ug/l	99
47) Bromodichloromethane	7.90	83	101500	19.91	ug/l	100
48) Methyl methacrylate	7.77	41	83931	18.55	ug/l	98
49) 1,4-Dioxane	7.75	88	39903	374.39	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	693335	93.98	ug/l	100
52) Toluene	8.79	92	206579	20.25	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	112160	19.46	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	124647	20.06	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	82376	19.76	ug/l	99
56) Ethyl methacrylate	9.18	69	114900	19.00	ug/l	100
57) 1,3-Dichloropropane	9.37	76	138456	19.85	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	292989	98.51	ug/l	100
59) 2-Hexanone	9.49	43	530596	96.22	ug/l	99
60) Dibromochloromethane	9.59	129	80638	20.75	ug/l	99
61) 1,2-Dibromoethane	9.67	107	85637	20.52	ug/l	99
64) Tetrachloroethene	9.34	164	81877	18.69	ug/l	93
65) Chlorobenzene	10.14	112	226839	19.57	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.22	131	77797	19.53	ug/l	98
67) Ethyl Benzene	10.25	91	374566	19.74	ug/l	97
68) m/p-Xylenes	10.36	106	297409	40.12	ug/l	100
69) o-Xylene	10.70	106	143498	20.51	ug/l	96
70) Styrene	10.71	104	241747	21.10	ug/l	97
71) Bromoform	10.86	173	59577	19.52	ug/l #	99
73) Isopropylbenzene	11.02	105	386887	19.71	ug/l	96
74) N-amyl acetate	6.46	43	164871	16.15	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	119914	17.82	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	101589m	17.33	ug/l	
77) Bromobenzene	11.26	156	97659	18.65	ug/l	99
78) n-propylbenzene	11.36	91	420016	19.05	ug/l	100
79) 2-Chlorotoluene	11.42	91	246358	18.33	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	304527	19.02	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	33288	16.98	ug/l	97
82) 4-Chlorotoluene	11.51	91	289775	18.40	ug/l	98
83) tert-Butylbenzene	11.77	119	308700	19.60	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	325331	20.21	ug/l	99
85) sec-Butylbenzene	11.95	105	374035	20.12	ug/l	100
86) p-Isopropyltoluene	12.07	119	341170	20.46	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	185619	19.17	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	188040	20.10	ug/l	98
89) n-Butylbenzene	12.39	91	275808	18.98	ug/l	99
90) Hexachloroethane	12.60	117	46787	17.28	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	177334	18.48	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22437	16.28	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	124097	17.98	ug/l	97
94) Hexachlorobutadiene	13.79	225	58684	19.54	ug/l	99
95) Naphthalene	13.83	128	366381	18.54	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	133072	19.32	ug/l	98

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

