

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070518\
 Data File : VX003192.D
 Acq On : 06 Jul 2018 01:00
 Operator : JC/MD
 Sample : VX0705WBS04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0705WBS04

Manual Integrations
 APPROVED

sam
 7/6/2018 4:20:37 PM

Quant Time: Jul 06 03:38:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	271162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	376341	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	357410	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	219834	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	149030	39.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.52%	
35) Dibromofluoromethane	5.51	113	125920	42.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.50%	
50) Toluene-d8	8.72	98	435179	39.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.98%	
62) 4-Bromofluorobenzene	11.14	95	168049	40.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	48861	20.00	ug/l	100
3) Chloromethane	1.32	50	52903	20.34	ug/l	99
4) Vinyl Chloride	1.40	62	58412	19.05	ug/l	99
5) Bromomethane	1.64	94	23151	14.23	ug/l	98
6) Chloroethane	1.72	64	37411	19.50	ug/l	95
7) Trichlorofluoromethane	1.93	101	90442	17.48	ug/l	100
8) Diethyl Ether	2.19	74	34004	18.08	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	53433	17.83	ug/l	97
10) Methyl Iodide	2.51	142	47955	20.04	ug/l	97
11) Tert butyl alcohol	3.08	59	72175	96.67	ug/l	98
12) 1,1-Dichloroethene	2.37	96	49533	18.52	ug/l	87
13) Acrolein	2.29	56	26080	66.17	ug/l	100
14) Allyl chloride	2.73	41	90735	17.21	ug/l	94
15) Acrylonitrile	3.15	53	150998	94.68	ug/l	99
16) Acetone	2.45	43	141487	91.16	ug/l	95
17) Carbon Disulfide	2.57	76	126110	17.70	ug/l	99
18) Methyl Acetate	2.78	43	78235	18.03	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	171924	17.88	ug/l	100
20) Methylene Chloride	2.86	84	56357	18.66	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	52548	18.04	ug/l	91
22) Diisopropyl ether	3.88	45	187045	18.56	ug/l	97
23) Vinyl Acetate	3.83	43	769764	90.21	ug/l	98
24) 1,1-Dichloroethane	3.70	63	99495	18.17	ug/l	99
25) 2-Butanone	4.71	43	230580	100.10	ug/l	98
26) 2,2-Dichloropropane	4.59	77	46839	10.52	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	62824	19.24	ug/l	94
28) Bromochloromethane	5.03	49	49275	18.80	ug/l	89
29) Tetrahydrofuran	5.17	42	147864	100.10	ug/l	96
30) Chloroform	5.22	83	105844	18.83	ug/l	94
31) Cyclohexane	5.58	56	87129	18.54	ug/l	93
32) 1,1,1-Trichloroethane	5.50	97	92910	18.79	ug/l	98
36) 1,1-Dichloropropene	5.80	75	75414	18.27	ug/l	98
37) Ethyl Acetate	4.87	43	86644	19.50	ug/l	98
38) Carbon Tetrachloride	5.78	117	83485	18.43	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	84940	17.67	ug/l	96
40) Benzene	6.15	78	230353	19.21	ug/l	100
41) Methacrylonitrile	5.07	41	48550	18.97	ug/l	96
42) 1,2-Dichloroethane	6.20	62	87754	18.12	ug/l	98
43) Isopropyl Acetate	6.48	43	135333	18.16	ug/l	97
44) Trichloroethene	7.21	130	67134	18.78	ug/l	99
45) 1,2-Dichloropropane	7.52	63	57786	18.17	ug/l	100
46) Dibromomethane	7.67	93	41627	18.86	ug/l	96
47) Bromodichloromethane	7.90	83	75884	18.59	ug/l	99
48) Methyl methacrylate	7.78	41	70516	18.36	ug/l	94
49) 1,4-Dioxane	7.76	88	30644	410.18	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	451554	96.84	ug/l	98
52) Toluene	8.79	92	147022	19.14	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	81057	17.54	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	74300	16.71	ug/l	94
55) 1,1,2-Trichloroethane	9.22	97	61090	19.35	ug/l	97
56) Ethyl methacrylate	9.18	69	87402	18.95	ug/l	93
57) 1,3-Dichloropropane	9.38	76	99092	19.11	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	200515	90.09	ug/l	97
59) 2-Hexanone	9.50	43	347560	98.08	ug/l	96
60) Dibromochloromethane	9.59	129	62519	18.81	ug/l	99
61) 1,2-Dibromoethane	9.68	107	64264	19.41	ug/l	99
64) Tetrachloroethene	9.34	164	81203	20.43	ug/l	98
65) Chlorobenzene	10.14	112	172467	19.00	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	63708	19.32	ug/l	99
67) Ethyl Benzene	10.26	91	281115	18.75	ug/l	98
68) m/p-Xylenes	10.36	106	218509	37.81	ug/l	98
69) o-Xylene	10.70	106	105039	18.66	ug/l	97
70) Styrene	10.71	104	174796	19.11	ug/l	98
71) Bromoform	10.86	173	47602	18.63	ug/l #	100
73) Isopropylbenzene	11.02	105	285130	19.28	ug/l	99
74) N-amyl acetate	6.48	43	135333	18.70	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	89151	19.57	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	86784m	21.79	ug/l	
77) Bromobenzene	11.26	156	81401	19.33	ug/l	97
78) n-propylbenzene	11.37	91	315140	18.72	ug/l	98
79) 2-Chlorotoluene	11.43	91	191670	18.81	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	236701	19.00	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	18088	15.66	ug/l	97
82) 4-Chlorotoluene	11.51	91	223626	18.53	ug/l	99
83) tert-Butylbenzene	11.77	119	230463	18.77	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	246899	19.13	ug/l	99
85) sec-Butylbenzene	11.95	105	279174	18.75	ug/l	100
86) p-Isopropyltoluene	12.07	119	250016	18.67	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	145252	18.88	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	146493	18.51	ug/l	99
89) n-Butylbenzene	12.39	91	196827	16.89	ug/l	100
90) Hexachloroethane	12.60	117	34920	17.54	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	148665	19.15	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18946	18.50	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	104398	18.48	ug/l	99
94) Hexachlorobutadiene	13.79	225	51047	18.11	ug/l	100
95) Naphthalene	13.84	128	299735	19.92	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	108740	19.27	ug/l	99

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

