

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063018\
 Data File : VX003098.D
 Acq On : 01 Jul 2018 01:08
 Operator : JC/MD
 Sample : VX0630WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBS02

Manual Integrations
 APPROVED

sam
 7/3/2018 5:07:18 PM

Quant Time: Jul 02 17:12:23 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	247082	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	344648	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	324420	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	200569	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	177785	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	
35) Dibromofluoromethane	5.51	113	145123	53.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.34%	
50) Toluene-d8	8.72	98	525566	52.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.46%	
62) 4-Bromofluorobenzene	11.14	95	196479	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	56445	25.44	ug/l	98
3) Chloromethane	1.32	50	54501	23.15	ug/l	98
4) Vinyl Chloride	1.40	62	61759	22.10	ug/l	91
5) Bromomethane	1.64	94	27565	19.47	ug/l	96
6) Chloroethane	1.72	64	39391	22.88	ug/l	99
7) Trichlorofluoromethane	1.93	101	96764	20.53	ug/l	99
8) Diethyl Ether	2.19	74	36635	21.38	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	55974	20.49	ug/l	95
10) Methyl Iodide	2.51	142	45338	20.56	ug/l	98
11) Tert butyl alcohol	3.08	59	70868	104.17	ug/l	98
12) 1,1-Dichloroethene	2.37	96	51255	21.03	ug/l	95
13) Acrolein	2.29	56	30107	82.70	ug/l	99
14) Allyl chloride	2.73	41	96500	20.09	ug/l	95
15) Acrylonitrile	3.15	53	160340	110.34	ug/l	99
16) Acetone	2.45	43	145329	102.76	ug/l	94
17) Carbon Disulfide	2.57	76	127050	19.57	ug/l	98
18) Methyl Acetate	2.78	43	79267	20.05	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	184649	21.08	ug/l	100
20) Methylene Chloride	2.86	84	59787	21.72	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	55213	20.80	ug/l	98
22) Diisopropyl ether	3.88	45	202343	22.04	ug/l	98
23) Vinyl Acetate	3.83	43	841816	108.27	ug/l	98
24) 1,1-Dichloroethane	3.70	63	106258	21.29	ug/l	99
25) 2-Butanone	4.71	43	230589	109.86	ug/l	97
26) 2,2-Dichloropropane	4.59	77	52173	12.86	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	63622	21.38	ug/l	96
28) Bromochloromethane	5.02	49	52885	22.14	ug/l	92
29) Tetrahydrofuran	5.17	42	147700	109.73	ug/l	96
30) Chloroform	5.22	83	111041	21.68	ug/l	98
31) Cyclohexane	5.57	56	88767	20.73	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	95711	21.24	ug/l	99
36) 1,1-Dichloropropene	5.80	75	77235	20.44	ug/l	99
37) Ethyl Acetate	4.87	43	89425	21.97	ug/l	99
38) Carbon Tetrachloride	5.79	117	85046	20.51	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	85471	19.41	ug/l	97
40) Benzene	6.15	78	235108	21.41	ug/l	98
41) Methacrylonitrile	5.07	41	49949	21.32	ug/l	98
42) 1,2-Dichloroethane	6.20	62	91412	20.61	ug/l	99
43) Isopropyl Acetate	6.47	43	140097	20.53	ug/l	98
44) Trichloroethene	7.21	130	69703	21.29	ug/l	99
45) 1,2-Dichloropropane	7.52	63	60996	20.94	ug/l	99
46) Dibromomethane	7.67	93	42120	20.83	ug/l	96
47) Bromodichloromethane	7.90	83	77456	20.73	ug/l	98
48) Methyl methacrylate	7.78	41	71905	20.45	ug/l	95
49) 1,4-Dioxane	7.76	88	29999	438.47	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	458836	107.45	ug/l	98
52) Toluene	8.79	92	152805	21.72	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	83196	19.66	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	76641	18.82	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	63629	22.01	ug/l	97
56) Ethyl methacrylate	9.18	69	90438	21.41	ug/l	94
57) 1,3-Dichloropropane	9.38	76	102502	21.59	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	228899	112.30	ug/l	98
59) 2-Hexanone	9.50	43	347300	107.02	ug/l	97
60) Dibromochloromethane	9.59	129	62164	20.43	ug/l	100
61) 1,2-Dibromoethane	9.68	107	64145	21.15	ug/l	99
64) Tetrachloroethene	9.34	164	84613	23.46	ug/l	97
65) Chlorobenzene	10.14	112	172162	20.89	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	63207	21.12	ug/l	99
67) Ethyl Benzene	10.26	91	289492	21.27	ug/l	99
68) m/p-Xylenes	10.36	106	224537	42.80	ug/l	99
69) o-Xylene	10.70	106	109524	21.44	ug/l	97
70) Styrene	10.71	104	179675	21.65	ug/l	99
71) Bromoform	10.86	173	48397	20.40	ug/l #	98
73) Isopropylbenzene	11.02	105	297981	22.08	ug/l	99
74) N-amyl acetate	6.47	43	140097	21.22	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	91754	22.08	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	87744m	24.15	ug/l	
77) Bromobenzene	11.26	156	84019	21.87	ug/l	96
78) n-propylbenzene	11.37	91	327841	21.35	ug/l	99
79) 2-Chlorotoluene	11.43	91	199810	21.49	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	245554	21.61	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	18186	16.91	ug/l	92
82) 4-Chlorotoluene	11.51	91	233391	21.20	ug/l	99
83) tert-Butylbenzene	11.77	119	238521	21.30	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	254428	21.61	ug/l	99
85) sec-Butylbenzene	11.95	105	287467	21.16	ug/l	100
86) p-Isopropyltoluene	12.07	119	256181	20.97	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	147413	21.01	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	149496	20.70	ug/l	99
89) n-Butylbenzene	12.39	91	209517	19.71	ug/l	99
90) Hexachloroethane	12.60	117	34924	19.22	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	153231	21.63	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19288	20.64	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	108728	21.09	ug/l	99
94) Hexachlorobutadiene	13.79	225	52448	20.40	ug/l	99
95) Naphthalene	13.83	128	311350	22.68	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	112196	21.79	ug/l	100

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

