

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063018\
 Data File : VX003099.D
 Acq On : 01 Jul 2018 01:34
 Operator : JC/MD
 Sample : VX0630WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0630WBSD02

Manual Integrations
 APPROVED

sam
 7/3/2018 5:07:25 PM

Quant Time: Jul 02 05:21:06 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	282767	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	390699	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	360253	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	218580	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	186525	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	
35) Dibromofluoromethane	5.51	113	154991	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
50) Toluene-d8	8.72	98	545106	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
62) 4-Bromofluorobenzene	11.14	95	199232	45.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.44%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	53613	21.06	ug/l	100
3) Chloromethane	1.32	50	52869	19.44	ug/l	99
4) Vinyl Chloride	1.40	62	59644	18.65	ug/l	89
5) Bromomethane	1.64	94	26975	16.23	ug/l	99
6) Chloroethane	1.72	64	40148	20.13	ug/l	95
7) Trichlorofluoromethane	1.93	101	94575	17.53	ug/l	98
8) Diethyl Ether	2.19	74	35840	18.28	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	53285	17.05	ug/l	96
10) Methyl Iodide	2.51	142	47367	19.31	ug/l	98
11) Tert butyl alcohol	3.08	59	73128	93.92	ug/l	99
12) 1,1-Dichloroethene	2.37	96	49803	17.86	ug/l	94
13) Acrolein	2.29	56	33576	80.70	ug/l	99
14) Allyl chloride	2.73	41	93042	16.93	ug/l	95
15) Acrylonitrile	3.15	53	156009	93.81	ug/l	99
16) Acetone	2.45	43	145051	89.62	ug/l	98
17) Carbon Disulfide	2.57	76	125837	16.94	ug/l	99
18) Methyl Acetate	2.78	43	76121	16.82	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	179052	17.86	ug/l	99
20) Methylene Chloride	2.86	84	57903	18.38	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	52954	17.43	ug/l	94
22) Diisopropyl ether	3.88	45	198496	18.89	ug/l	99
23) Vinyl Acetate	3.83	43	834535	93.79	ug/l	98
24) 1,1-Dichloroethane	3.70	63	103010	18.04	ug/l	99
25) 2-Butanone	4.71	43	235783	98.16	ug/l	97
26) 2,2-Dichloropropane	4.59	77	51532	11.10	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	65147	19.13	ug/l	95
28) Bromochloromethane	5.02	49	58585	21.43	ug/l	93
29) Tetrahydrofuran	5.17	42	151053	98.06	ug/l	96
30) Chloroform	5.22	83	111704	19.06	ug/l	97
31) Cyclohexane	5.57	56	90381	18.44	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	96144	18.64	ug/l	99
36) 1,1-Dichloropropene	5.81	75	77857	18.17	ug/l	98
37) Ethyl Acetate	4.87	43	90691	19.66	ug/l	98
38) Carbon Tetrachloride	5.78	117	84700	18.01	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	86313	17.30	ug/l	98
40) Benzene	6.15	78	238533	19.16	ug/l	99
41) Methacrylonitrile	5.07	41	52193	19.65	ug/l	97
42) 1,2-Dichloroethane	6.20	62	91958	18.29	ug/l	99
43) Isopropyl Acetate	6.47	43	142079	18.36	ug/l	97
44) Trichloroethene	7.22	130	69547	18.74	ug/l	96
45) 1,2-Dichloropropane	7.52	63	62794	19.02	ug/l	99
46) Dibromomethane	7.67	93	42783	18.67	ug/l	95
47) Bromodichloromethane	7.90	83	77426	18.28	ug/l	97
48) Methyl methacrylate	7.78	41	72594	18.21	ug/l	95
49) 1,4-Dioxane	7.76	88	31067	400.56	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	466896	96.45	ug/l	97
52) Toluene	8.79	92	153046	19.19	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	84289	17.57	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	75677	16.39	ug/l	94
55) 1,1,2-Trichloroethane	9.22	97	62698	19.13	ug/l	98
56) Ethyl methacrylate	9.18	69	90161	18.82	ug/l	94
57) 1,3-Dichloropropane	9.38	76	102055	18.96	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	252924	109.46	ug/l	97
59) 2-Hexanone	9.50	43	349283	94.94	ug/l	97
60) Dibromochloromethane	9.59	129	62716	18.18	ug/l	97
61) 1,2-Dibromoethane	9.68	107	64791	18.85	ug/l	99
64) Tetrachloroethene	9.34	164	82837	20.68	ug/l	98
65) Chlorobenzene	10.14	112	173733	18.99	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	63371	19.06	ug/l	98
67) Ethyl Benzene	10.26	91	284637	18.83	ug/l	100
68) m/p-Xylenes	10.36	106	219983	37.76	ug/l	98
69) o-Xylene	10.70	106	107007	18.86	ug/l	96
70) Styrene	10.71	104	175919	19.09	ug/l	99
71) Bromoform	10.86	173	46732	18.25	ug/l #	99
73) Isopropylbenzene	11.02	105	287786	19.57	ug/l	100
74) N-amyl acetate	6.47	43	142079	19.75	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	89560	19.77	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	86676m	21.89	ug/l	
77) Bromobenzene	11.26	156	81923	19.56	ug/l	96
78) n-propylbenzene	11.37	91	316166	18.89	ug/l	99
79) 2-Chlorotoluene	11.42	91	194131	19.16	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	237267	19.16	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	17590	15.39	ug/l	92
82) 4-Chlorotoluene	11.51	91	227125	18.93	ug/l	98
83) tert-Butylbenzene	11.77	119	230952	18.92	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	245281	19.11	ug/l	98
85) sec-Butylbenzene	11.95	105	276368	18.66	ug/l	100
86) p-Isopropyltoluene	12.07	119	250531	18.82	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	144141	18.85	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	149323	18.97	ug/l	100
89) n-Butylbenzene	12.39	91	200734	17.32	ug/l	99
90) Hexachloroethane	12.60	117	33345	16.84	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	147589	19.12	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18772	18.44	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	103090	18.35	ug/l	100
94) Hexachlorobutadiene	13.79	225	49089	17.52	ug/l	100
95) Naphthalene	13.84	128	295447	19.75	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	105848	18.86	ug/l	100

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

