

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062518\
 Data File : VX002869.D
 Acq On : 25 Jun 2018 19:55
 Operator : JC/MD
 Sample : VX0625WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0625WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/28/2018 2:26:30 PM

Quant Time: Jun 27 05:44:36 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	267043	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	373201	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	352676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	219288	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	183894	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	
35) Dibromofluoromethane	5.51	113	145777	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
50) Toluene-d8	8.72	98	533212	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
62) 4-Bromofluorobenzene	11.14	95	197087	47.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.70%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	46542	19.34	ug/l	98
3) Chloromethane	1.32	50	49657	19.33	ug/l	98
4) Vinyl Chloride	1.40	62	56674	18.77	ug/l	100
5) Bromomethane	1.64	94	33924	22.57	ug/l	99
6) Chloroethane	1.72	64	37184	19.70	ug/l	100
7) Trichlorofluoromethane	1.93	101	100766	19.78	ug/l	100
8) Diethyl Ether	2.19	74	37033	20.00	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	55945	18.95	ug/l	98
10) Methyl Iodide	2.51	142	51669	21.34	ug/l	99
11) Tert butyl alcohol	3.08	59	80775	109.85	ug/l	97
12) 1,1-Dichloroethene	2.37	96	50530	19.19	ug/l	97
13) Acrolein	2.29	56	39935	100.54	ug/l	99
14) Allyl chloride	2.73	41	101546	19.56	ug/l	99
15) Acrylonitrile	3.15	53	163576	104.15	ug/l	100
16) Acetone	2.45	43	156289	102.24	ug/l	98
17) Carbon Disulfide	2.57	76	126607	18.04	ug/l	98
18) Methyl Acetate	2.78	43	93659	21.92	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	193267	20.41	ug/l	98
20) Methylene Chloride	2.86	84	57442	19.31	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	55460	19.33	ug/l	99
22) Diisopropyl ether	3.88	45	198076	19.96	ug/l	98
23) Vinyl Acetate	3.83	43	832188	99.03	ug/l	98
24) 1,1-Dichloroethane	3.70	63	107740	19.98	ug/l	100
25) 2-Butanone	4.71	43	238095	104.95	ug/l	97
26) 2,2-Dichloropropane	4.59	77	80624	18.38	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	64454	20.04	ug/l	98
28) Bromochloromethane	5.02	49	53630	20.77	ug/l	97
29) Tetrahydrofuran	5.17	42	151906	104.42	ug/l	97
30) Chloroform	5.22	83	111013	20.06	ug/l	98
31) Cyclohexane	5.57	56	89323	19.30	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	96316	19.78	ug/l	100
36) 1,1-Dichloropropene	5.80	75	77565	18.95	ug/l	99
37) Ethyl Acetate	4.87	43	90324	20.50	ug/l	98
38) Carbon Tetrachloride	5.79	117	85370	19.01	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	91071	19.10	ug/l	98
40) Benzene	6.15	78	234094	19.69	ug/l	99
41) Methacrylonitrile	5.07	41	52089	20.53	ug/l	99
42) 1,2-Dichloroethane	6.20	62	95537	19.89	ug/l	99
43) Isopropyl Acetate	6.47	43	145642	19.71	ug/l	99
44) Trichloroethene	7.21	130	67909	19.15	ug/l	99
45) 1,2-Dichloropropane	7.52	63	61378	19.46	ug/l	99
46) Dibromomethane	7.66	93	42495	19.41	ug/l	98
47) Bromodichloromethane	7.90	83	79046	19.53	ug/l	100
48) Methyl methacrylate	7.78	41	76073	19.98	ug/l	97
49) 1,4-Dioxane	7.76	88	30417	410.56	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	481137	104.06	ug/l	99
52) Toluene	8.79	92	150192	19.72	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	88764	19.37	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	83693	18.98	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	63289	20.22	ug/l	97
56) Ethyl methacrylate	9.18	69	89649	19.60	ug/l	98
57) 1,3-Dichloropropane	9.38	76	101770	19.79	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	224943	101.92	ug/l	99
59) 2-Hexanone	9.50	43	371006	105.58	ug/l	99
60) Dibromochloromethane	9.59	129	63645	19.31	ug/l	99
61) 1,2-Dibromoethane	9.68	107	64949	19.78	ug/l	99
64) Tetrachloroethene	9.34	164	75327	19.21	ug/l	96
65) Chlorobenzene	10.14	112	175364	19.58	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	63490	19.51	ug/l	100
67) Ethyl Benzene	10.26	91	293734	19.85	ug/l	99
68) m/p-Xylenes	10.36	106	226653	39.74	ug/l	99
69) o-Xylene	10.70	106	109647	19.75	ug/l	100
70) Styrene	10.71	104	179309	19.87	ug/l	99
71) Bromoform	10.86	173	48214	19.02	ug/l	99
73) Isopropylbenzene	11.02	105	300756	20.39	ug/l	100
74) N-amyl acetate	6.47	43	145642	20.18	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	91952	20.23	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	82036m	20.65	ug/l	
77) Bromobenzene	11.26	156	82000	19.52	ug/l	99
78) n-propylbenzene	11.37	91	339029	20.19	ug/l	100
79) 2-Chlorotoluene	11.43	91	204971	20.16	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	252524	20.32	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	21970	18.33	ug/l	90
82) 4-Chlorotoluene	11.51	91	239709	19.92	ug/l	100
83) tert-Butylbenzene	11.77	119	250297	20.44	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	261115	20.28	ug/l	99
85) sec-Butylbenzene	11.95	105	299967	20.19	ug/l	99
86) p-Isopropyltoluene	12.07	119	268146	20.08	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	151831	19.79	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	153743	19.47	ug/l	100
89) n-Butylbenzene	12.39	91	226774	19.51	ug/l	99
90) Hexachloroethane	12.60	117	38702	19.48	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	155022	20.02	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19865	19.45	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	109935	19.51	ug/l	99
94) Hexachlorobutadiene	13.79	225	55443	19.72	ug/l	99
95) Naphthalene	13.84	128	311163	20.73	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	112622	20.01	ug/l	100

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

