

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062918\
 Data File : VX003047.D
 Acq On : 29 Jun 2018 23:50
 Operator : JC/MD
 Sample : VX0629WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBS02

Manual Integrations
 APPROVED

apatel
 7/2/2018 4:15:37 PM

Quant Time: Jun 30 03:17:36 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	258978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	359515	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	352430	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	214965	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	181091	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
35) Dibromofluoromethane	5.51	113	148216	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	
50) Toluene-d8	8.72	98	541252	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	
62) 4-Bromofluorobenzene	11.14	95	201775	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	59104	25.41	ug/l	98
3) Chloromethane	1.32	50	56991	23.10	ug/l	95
4) Vinyl Chloride	1.40	62	63890	21.81	ug/l	91
5) Bromomethane	1.64	94	24712	16.24	ug/l	100
6) Chloroethane	1.72	64	39021	21.50	ug/l	97
7) Trichlorofluoromethane	1.93	101	101173	20.48	ug/l	94
8) Diethyl Ether	2.19	74	36638	20.40	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	56952	19.90	ug/l	98
10) Methyl Iodide	2.51	142	47646	20.59	ug/l	98
11) Tert butyl alcohol	3.08	59	77744	109.02	ug/l	100
12) 1,1-Dichloroethene	2.37	96	51416	20.13	ug/l	93
13) Acrolein	2.29	56	36775	95.68	ug/l	97
14) Allyl chloride	2.73	41	100639	19.99	ug/l	95
15) Acrylonitrile	3.15	53	162664	106.80	ug/l	99
16) Acetone	2.45	43	150091	101.25	ug/l	98
17) Carbon Disulfide	2.57	76	138272	20.32	ug/l	96
18) Methyl Acetate	2.78	43	79691	19.23	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	185890	20.24	ug/l	100
20) Methylene Chloride	2.86	84	57860	20.06	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	55645	20.00	ug/l	95
22) Diisopropyl ether	3.87	45	194108	20.17	ug/l	94
23) Vinyl Acetate	3.83	43	838155	102.85	ug/l	98
24) 1,1-Dichloroethane	3.70	63	106107	20.29	ug/l	99
25) 2-Butanone	4.71	43	233034	105.92	ug/l	98
26) 2,2-Dichloropropane	4.59	77	57632	13.55	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	62881	20.16	ug/l	96
28) Bromochloromethane	5.03	49	49974	19.96	ug/l	93
29) Tetrahydrofuran	5.17	42	148830	105.49	ug/l	97
30) Chloroform	5.22	83	108288	20.17	ug/l	94
31) Cyclohexane	5.57	56	88757	19.77	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	96135	20.35	ug/l	99
36) 1,1-Dichloropropene	5.80	75	77058	19.55	ug/l	99
37) Ethyl Acetate	4.87	43	89302	21.04	ug/l	98
38) Carbon Tetrachloride	5.79	117	84611	19.56	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	83707	18.23	ug/l	96
40) Benzene	6.15	78	234085	20.43	ug/l	99
41) Methacrylonitrile	5.07	41	50111	20.50	ug/l	98
42) 1,2-Dichloroethane	6.20	62	91116	19.69	ug/l	99
43) Isopropyl Acetate	6.47	43	138521	19.46	ug/l	99
44) Trichloroethene	7.21	130	68037	19.92	ug/l	100
45) 1,2-Dichloropropane	7.52	63	60529	19.92	ug/l	98
46) Dibromomethane	7.67	93	42149	19.99	ug/l	97
47) Bromodichloromethane	7.90	83	76890	19.72	ug/l	97
48) Methyl methacrylate	7.78	41	71699	19.55	ug/l	96
49) 1,4-Dioxane	7.76	88	29939	419.50	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	471040	105.75	ug/l	98
52) Toluene	8.79	92	154790	21.09	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	84042	19.03	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	77293	18.19	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	63608	21.09	ug/l	96
56) Ethyl methacrylate	9.18	69	89390	20.28	ug/l	96
57) 1,3-Dichloropropane	9.38	76	103802	20.96	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	232101	109.16	ug/l	97
59) 2-Hexanone	9.50	43	362420	107.06	ug/l	98
60) Dibromochloromethane	9.59	129	63406	19.97	ug/l	100
61) 1,2-Dibromoethane	9.68	107	65536	20.72	ug/l	99
64) Tetrachloroethene	9.34	164	80007	20.42	ug/l	99
65) Chlorobenzene	10.14	112	175927	19.65	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	64406	19.81	ug/l	100
67) Ethyl Benzene	10.26	91	291577	19.72	ug/l	100
68) m/p-Xylenes	10.37	106	224143	39.33	ug/l	100
69) o-Xylene	10.70	106	110212	19.86	ug/l	98
70) Styrene	10.71	104	182522	20.24	ug/l	99
71) Bromoform	10.86	173	49716	19.50	ug/l	99
73) Isopropylbenzene	11.02	105	295794	20.45	ug/l	100
74) N-amyl acetate	6.47	43	138521	19.58	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	92952	20.87	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	81141m	20.84	ug/l	
77) Bromobenzene	11.26	156	83545	20.29	ug/l	97
78) n-propylbenzene	11.37	91	330156	20.06	ug/l	99
79) 2-Chlorotoluene	11.43	91	200042	20.07	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	243836	20.02	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	19714	17.06	ug/l	93
82) 4-Chlorotoluene	11.51	91	238600	20.22	ug/l	100
83) tert-Butylbenzene	11.77	119	238354	19.86	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	253542	20.09	ug/l	98
85) sec-Butylbenzene	11.95	105	281575	19.34	ug/l	99
86) p-Isopropyltoluene	12.07	119	255515	19.52	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	148697	19.77	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	149995	19.38	ug/l	99
89) n-Butylbenzene	12.39	91	205352	18.02	ug/l	99
90) Hexachloroethane	12.60	117	34576	17.76	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	151939	20.01	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19493	19.47	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	102554	18.56	ug/l	99
94) Hexachlorobutadiene	13.79	225	50700	18.40	ug/l	99
95) Naphthalene	13.83	128	302262	20.54	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	108090	19.59	ug/l	99

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

