

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062118\
 Data File : VX002792.D
 Acq On : 21 Jun 2018 16:56
 Operator : JC/MD
 Sample : VX0621WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBSD01

Manual Integrations
 APPROVED

apatel
 6/22/2018 1:59:26 PM

Quant Time: Jun 22 01:52:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	238440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	328210	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	313361	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	194712	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	149685	41.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.62%	
35) Dibromofluoromethane	5.51	113	120514	46.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.02%	
50) Toluene-d8	8.72	98	429734	43.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.42%	
62) 4-Bromofluorobenzene	11.14	95	161844	42.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	48192	19.04	ug/l	100
3) Chloromethane	1.32	50	49744	16.52	ug/l	98
4) Vinyl Chloride	1.40	62	55153	17.65	ug/l	99
5) Bromomethane	1.64	94	26358	13.98	ug/l	98
6) Chloroethane	1.72	64	36194	17.57	ug/l	100
7) Trichlorofluoromethane	1.93	101	95325	18.78	ug/l	99
8) Diethyl Ether	2.19	74	34047	17.63	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	54206	19.10	ug/l	100
10) Methyl Iodide	2.51	142	44829	15.67	ug/l	99
11) Tert butyl alcohol	3.08	59	63663	84.99	ug/l	97
12) 1,1-Dichloroethene	2.37	96	47389	17.79	ug/l	99
13) Acrolein	2.29	56	24744	75.39	ug/l	98
14) Allyl chloride	2.73	41	93535	17.68	ug/l	98
15) Acrylonitrile	3.15	53	144807	88.59	ug/l	98
16) Acetone	2.45	43	133748	83.67	ug/l	99
17) Carbon Disulfide	2.57	76	122734	19.42	ug/l	98
18) Methyl Acetate	2.78	43	87269	20.49	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	174266	17.44	ug/l	100
20) Methylene Chloride	2.86	84	54323	16.57	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	51057	17.66	ug/l	97
22) Diisopropyl ether	3.88	45	176298	18.42	ug/l	99
23) Vinyl Acetate	3.83	43	731289	91.29	ug/l	99
24) 1,1-Dichloroethane	3.70	63	100488	19.34	ug/l	99
25) 2-Butanone	4.71	43	203309	96.84	ug/l	97
26) 2,2-Dichloropropane	4.59	77	72157	19.33	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	55907	19.01	ug/l	93
28) Bromochloromethane	5.02	49	39859	16.39	ug/l	96
29) Tetrahydrofuran	5.17	42	129117	93.84	ug/l	96
30) Chloroform	5.22	83	99308	19.83	ug/l	98
31) Cyclohexane	5.57	56	81595	19.08	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	85630	20.44	ug/l	100
36) 1,1-Dichloropropene	5.80	75	71480	20.51	ug/l	100
37) Ethyl Acetate	4.87	43	78406	19.87	ug/l	99
38) Carbon Tetrachloride	5.79	117	75728	21.82	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	81329	19.96	ug/l	97
40) Benzene	6.15	78	210995	20.19	ug/l	99
41) Methacrylonitrile	5.07	41	44636	20.04	ug/l	96
42) 1,2-Dichloroethane	6.21	62	83684	20.68	ug/l	100
43) Isopropyl Acetate	6.47	43	127192	19.46	ug/l	99
44) Trichloroethene	7.22	130	61712	20.46	ug/l	97
45) 1,2-Dichloropropane	7.52	63	54653	19.87	ug/l	98
46) Dibromomethane	7.67	93	38068	20.69	ug/l	99
47) Bromodichloromethane	7.90	83	69578	21.44	ug/l	97
48) Methyl methacrylate	7.78	41	67165	20.11	ug/l	99
49) 1,4-Dioxane	7.76	88	24534	387.83	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	426963	101.73	ug/l	99
52) Toluene	8.79	92	134664	20.20	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	78907	19.88	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	71862	19.62	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	56554	20.99	ug/l	98
56) Ethyl methacrylate	9.18	69	81976	19.77	ug/l	98
57) 1,3-Dichloropropane	9.38	76	91740	20.13	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	166098	82.83	ug/l	99
59) 2-Hexanone	9.50	43	321312	101.59	ug/l	99
60) Dibromochloromethane	9.59	129	55799	20.79	ug/l	100
61) 1,2-Dibromoethane	9.68	107	57947	20.77	ug/l	99
64) Tetrachloroethene	9.34	164	73063	21.00	ug/l	99
65) Chlorobenzene	10.14	112	154892	20.13	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	57219	21.81	ug/l	99
67) Ethyl Benzene	10.26	91	262205	20.20	ug/l	99
68) m/p-Xylenes	10.36	106	199440	39.83	ug/l	98
69) o-Xylene	10.70	106	97577	19.84	ug/l	100
70) Styrene	10.71	104	161643	19.98	ug/l	99
71) Bromoform	10.86	173	42261	20.82	ug/l #	99
73) Isopropylbenzene	11.02	105	269850	20.72	ug/l	100
74) N-amyl acetate	6.47	43	127192	19.66	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	82468	21.44	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	81828m	22.27	ug/l	
77) Bromobenzene	11.26	156	74165	20.44	ug/l	97
78) n-propylbenzene	11.37	91	304571	20.39	ug/l	99
79) 2-Chlorotoluene	11.43	91	183032	20.53	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	224410	20.39	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	18784	19.17	ug/l	89
82) 4-Chlorotoluene	11.51	91	212113	20.16	ug/l	100
83) tert-Butylbenzene	11.77	119	217048	20.47	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	232755	20.73	ug/l	99
85) sec-Butylbenzene	11.95	105	268100	20.34	ug/l	100
86) p-Isopropyltoluene	12.07	119	239891	20.11	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	135234	20.33	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	136672	20.19	ug/l	100
89) n-Butylbenzene	12.39	91	203228	19.31	ug/l	99
90) Hexachloroethane	12.60	117	33281	19.58	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	135866	20.29	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	17235	21.40	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	97050	19.97	ug/l	99
94) Hexachlorobutadiene	13.79	225	51126	19.97	ug/l	99
95) Naphthalene	13.84	128	272284	20.82	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	100310	20.55	ug/l	99

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

