

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062818\
 Data File : VX002982.D
 Acq On : 28 Jun 2018 13:54
 Operator : JC/MD
 Sample : VX0628WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/29/2018 12:22:45 PM

Quant Time: Jun 29 06:44:31 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	303344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	418392	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	395353	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	244254	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	188525	44.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.92%	
35) Dibromofluoromethane	5.51	113	150319	45.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.74%	
50) Toluene-d8	8.72	98	540018	44.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.26%	
62) 4-Bromofluorobenzene	11.14	95	205371	44.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	61261	22.45	ug/l	98
3) Chloromethane	1.32	50	57701	19.80	ug/l	98
4) Vinyl Chloride	1.40	62	64689	18.86	ug/l	# 87
5) Bromomethane	1.64	94	25191	13.76	ug/l	97
6) Chloroethane	1.72	64	42709	19.95	ug/l	95
7) Trichlorofluoromethane	1.93	101	104154	18.00	ug/l	98
8) Diethyl Ether	2.19	74	37978	18.05	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	58981	17.59	ug/l	99
10) Methyl Iodide	2.51	142	37597	15.91	ug/l	100
11) Tert butyl alcohol	3.07	59	77796	93.14	ug/l	100
12) 1,1-Dichloroethene	2.37	96	53432	17.86	ug/l	97
13) Acrolein	2.29	56	44949	99.66	ug/l	98
14) Allyl chloride	2.73	41	104676	17.75	ug/l	98
15) Acrylonitrile	3.15	53	162256	90.95	ug/l	99
16) Acetone	2.45	43	181185	104.35	ug/l	100
17) Carbon Disulfide	2.57	76	157311	19.74	ug/l	98
18) Methyl Acetate	2.78	43	76283	15.71	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	186978	17.39	ug/l	98
20) Methylene Chloride	2.85	84	58840	17.41	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	56525	17.35	ug/l	98
22) Diisopropyl ether	3.87	45	202839	17.99	ug/l	96
23) Vinyl Acetate	3.82	43	903526	94.66	ug/l	100
24) 1,1-Dichloroethane	3.70	63	110987	18.11	ug/l	99
25) 2-Butanone	4.71	43	248168	96.30	ug/l	99
26) 2,2-Dichloropropane	4.59	77	90302	18.13	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	65021	17.80	ug/l	98
28) Bromochloromethane	5.02	49	53137	18.12	ug/l	95
29) Tetrahydrofuran	5.17	42	153058	92.62	ug/l	98
30) Chloroform	5.22	83	113901	18.11	ug/l	97
31) Cyclohexane	5.57	56	96509	18.35	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	100492	18.16	ug/l	99
36) 1,1-Dichloropropene	5.81	75	81919	17.85	ug/l	99
37) Ethyl Acetate	4.87	43	93471	18.92	ug/l	99
38) Carbon Tetrachloride	5.78	117	89477	17.77	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	97137	18.18	ug/l	96
40) Benzene	6.15	78	240016	18.00	ug/l	99
41) Methacrylonitrile	5.07	41	51544	18.12	ug/l	98
42) 1,2-Dichloroethane	6.20	62	94529	17.55	ug/l	100
43) Isopropyl Acetate	6.47	43	146488	17.68	ug/l	99
44) Trichloroethene	7.21	130	70129	17.64	ug/l	98
45) 1,2-Dichloropropane	7.52	63	63144	17.86	ug/l	100
46) Dibromomethane	7.67	93	43743	17.82	ug/l	97
47) Bromodichloromethane	7.90	83	81429	17.95	ug/l	99
48) Methyl methacrylate	7.78	41	75405	17.66	ug/l	97
49) 1,4-Dioxane	7.76	88	29792	358.69	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	478669	92.34	ug/l	98
52) Toluene	8.79	92	155883	18.25	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	92436	17.99	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	85993	17.39	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	63608	18.13	ug/l	98
56) Ethyl methacrylate	9.18	69	93269	18.18	ug/l	97
57) 1,3-Dichloropropane	9.38	76	104142	18.07	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	243339	98.34	ug/l	99
59) 2-Hexanone	9.50	43	372130	94.46	ug/l	98
60) Dibromochloromethane	9.59	129	67303	18.22	ug/l	99
61) 1,2-Dibromoethane	9.68	107	66858	18.16	ug/l	99
64) Tetrachloroethene	9.34	164	75076	17.08	ug/l	98
65) Chlorobenzene	10.14	112	178104	17.74	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	65162	17.86	ug/l	99
67) Ethyl Benzene	10.26	91	298479	17.99	ug/l	97
68) m/p-Xylenes	10.36	106	233618	36.54	ug/l	99
69) o-Xylene	10.70	106	112473	18.07	ug/l	98
70) Styrene	10.71	104	185569	18.35	ug/l	99
71) Bromoform	10.86	173	51941	18.43	ug/l #	98
73) Isopropylbenzene	11.02	105	306613	18.66	ug/l	99
74) N-amyl acetate	6.47	43	146488	18.22	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	95897	18.95	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	92518m	20.91	ug/l	
77) Bromobenzene	11.26	156	85880	18.35	ug/l	96
78) n-propylbenzene	11.37	91	347464	18.58	ug/l	100
79) 2-Chlorotoluene	11.43	91	206274	18.22	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	260548	18.83	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	21902	16.76	ug/l	93
82) 4-Chlorotoluene	11.51	91	243090	18.13	ug/l	100
83) tert-Butylbenzene	11.77	119	255633	18.74	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	263891	18.40	ug/l	98
85) sec-Butylbenzene	11.95	105	304927	18.43	ug/l	99
86) p-Isopropyltoluene	12.07	119	273150	18.36	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	154170	18.04	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	155191	17.65	ug/l	99
89) n-Butylbenzene	12.39	91	231548	17.88	ug/l	99
90) Hexachloroethane	12.60	117	38073	17.21	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	154608	17.92	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20321	17.86	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	112019	17.84	ug/l	99
94) Hexachlorobutadiene	13.79	225	56145	17.93	ug/l	100
95) Naphthalene	13.84	128	309984	18.54	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	114111	18.20	ug/l	99

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

