

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080518\
 Data File : VX003855.D
 Acq On : 03 Aug 2018 18:14
 Operator : JC/MD
 Sample : VX0805WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0805WBS01

Manual Integrations
 APPROVED

MMDadoda

8/6/2018 10:47:39 AM

Quant Time: Aug 03 19:07:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 03 01:55:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	96610	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	132691	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	119356	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	72169	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	57498	45.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.26%	
35) Dibromofluoromethane	5.51	113	52862	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
50) Toluene-d8	8.72	98	192976	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
62) 4-Bromofluorobenzene	11.14	95	68153	47.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	18884	20.70	ug/l	100
3) Chloromethane	1.32	50	23192	15.95	ug/l	97
4) Vinyl Chloride	1.40	62	21321	17.56	ug/l	99
5) Bromomethane	1.64	94	9738	16.25	ug/l	98
6) Chloroethane	1.72	64	9202	12.39	ug/l	95
7) Trichlorofluoromethane	1.93	101	23434	15.29	ug/l	99
8) Diethyl Ether	2.19	74	11553	16.78	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	18836	19.62	ug/l	98
10) Methyl Iodide	2.51	142	23805	17.57	ug/l	99
11) Tert butyl alcohol	3.07	59	22965	83.23	ug/l	100
12) 1,1-Dichloroethene	2.37	96	17088	17.94	ug/l	100
13) Acrolein	2.29	56	15797	68.32	ug/l	99
14) Allyl chloride	2.73	41	29210	16.39	ug/l	99
15) Acrylonitrile	3.15	53	59496	90.61	ug/l	98
16) Acetone	2.45	43	52532	78.36	ug/l	100
17) Carbon Disulfide	2.57	76	45851	17.04	ug/l	100
18) Methyl Acetate	2.78	43	23979	15.12	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	60071	17.83	ug/l	# 90
20) Methylene Chloride	2.85	84	19528	16.56	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	18591	17.49	ug/l	90
22) Diisopropyl ether	3.88	45	61054	17.67	ug/l	98
23) Vinyl Acetate	3.83	43	263071	91.65	ug/l	99
24) 1,1-Dichloroethane	3.70	63	34396	17.81	ug/l	99
25) 2-Butanone	4.71	43	99160	87.06	ug/l	95
26) 2,2-Dichloropropane	4.58	77	24674	18.97	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	21157	17.34	ug/l	96
28) Bromochloromethane	5.03	49	18625	20.23	ug/l	98
29) Tetrahydrofuran	5.17	42	48360	83.05	ug/l	99
30) Chloroform	5.22	83	34675	17.19	ug/l	98
31) Cyclohexane	5.57	56	33019	20.39	ug/l	89
32) 1,1,1-Trichloroethane	5.49	97	31455	18.96	ug/l	99
36) 1,1-Dichloropropene	5.80	75	28269	20.02	ug/l	98
37) Ethyl Acetate	4.87	43	29734	17.99	ug/l	100
38) Carbon Tetrachloride	5.79	117	27328	19.50	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	29709	19.08	ug/l	97
40) Benzene	6.15	78	85408	19.33	ug/l	98
41) Methacrylonitrile	5.06	41	18030	20.16	ug/l	99
42) 1,2-Dichloroethane	6.20	62	28222	19.03	ug/l	99
43) Isopropyl Acetate	6.47	43	43516	17.52	ug/l	99
44) Trichloroethene	7.22	130	22748	19.19	ug/l	85
45) 1,2-Dichloropropane	7.52	63	20641	17.99	ug/l	99
46) Dibromomethane	7.67	93	13372	18.06	ug/l	100
47) Bromodichloromethane	7.90	83	24546	17.67	ug/l	99
48) Methyl methacrylate	7.78	41	22042	17.62	ug/l	97
49) 1,4-Dioxane	7.76	88	10599	357.84	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	182641	88.17	ug/l	99
52) Toluene	8.79	92	50612	18.68	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	27495	18.14	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	30011	18.19	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	20908	18.13	ug/l	99
56) Ethyl methacrylate	9.18	69	29964	18.56	ug/l	98
57) 1,3-Dichloropropane	9.38	76	33832	18.03	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	79382	95.62	ug/l	99
59) 2-Hexanone	9.50	43	140850	88.74	ug/l	100
60) Dibromochloromethane	9.59	129	20119	17.82	ug/l	100
61) 1,2-Dibromoethane	9.68	107	21809	18.41	ug/l	99
64) Tetrachloroethene	9.34	164	21753	20.13	ug/l	99
65) Chlorobenzene	10.14	112	57323	19.49	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	20372	19.67	ug/l	98
67) Ethyl Benzene	10.26	91	94480	20.09	ug/l	100
68) m/p-Xylenes	10.36	106	75374	41.00	ug/l	98
69) o-Xylene	10.70	106	35639	20.11	ug/l	100
70) Styrene	10.71	104	59985	20.38	ug/l	100
71) Bromoform	10.86	173	15851	18.45	ug/l #	99
73) Isopropylbenzene	11.02	105	96678	20.89	ug/l	99
74) N-amyl acetate	6.47	43	43516	18.96	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	32249	19.12	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	28060m	19.29	ug/l	
77) Bromobenzene	11.26	156	27100	20.52	ug/l	100
78) n-propylbenzene	11.36	91	109375	20.89	ug/l	99
79) 2-Chlorotoluene	11.42	91	65258	20.16	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	81722	21.05	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	8867	19.21	ug/l	99
82) 4-Chlorotoluene	11.51	91	76943	20.54	ug/l	100
83) tert-Butylbenzene	11.77	119	80552	20.63	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	84494	21.04	ug/l	100
85) sec-Butylbenzene	11.95	105	94938	21.04	ug/l	100
86) p-Isopropyltoluene	12.07	119	86361	21.13	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	48918	19.93	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	49646	19.56	ug/l	99
89) n-Butylbenzene	12.39	91	71588	20.44	ug/l	99
90) Hexachloroethane	12.60	117	12765	19.28	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	49232	19.63	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	6602	17.71	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	35718	20.10	ug/l	100
94) Hexachlorobutadiene	13.79	225	17127	20.42	ug/l	98
95) Naphthalene	13.83	128	104739	20.24	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	36831	19.92	ug/l	100

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

