

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072618\
 Data File : VX003689.D
 Acq On : 27 Jul 2018 00:40
 Operator : JC/SP
 Sample : VX0726WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBS02

Manual Integrations
 APPROVED

MMDadoda
 7/27/2018 5:40:46 PM

Quant Time: Jul 27 06:52:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 02:16:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	95288	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	158076	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	158000	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	94558	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	76124	53.93	ug/l	0.00
Spiked Amount			Recovery	=	107.86%	
35) Dibromofluoromethane	5.51	113	62218	48.15	ug/l	0.00
Spiked Amount			Recovery	=	96.30%	
50) Toluene-d8	8.72	98	253470	51.40	ug/l	0.00
Spiked Amount			Recovery	=	102.80%	
62) 4-Bromofluorobenzene	11.14	95	91057	50.62	ug/l	0.00
Spiked Amount			Recovery	=	101.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	22280	20.53	ug/l	99
3) Chloromethane	1.32	50	29838	20.87	ug/l	100
4) Vinyl Chloride	1.40	62	31747	21.71	ug/l	96
5) Bromomethane	1.64	94	17804	25.22	ug/l	92
6) Chloroethane	1.72	64	22926	22.29	ug/l	98
7) Trichlorofluoromethane	1.93	101	42047	22.34	ug/l	99
8) Diethyl Ether	2.19	74	18533	22.47	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	25951	22.40	ug/l	100
10) Methyl Iodide	2.51	142	33802	23.45	ug/l	98
11) Tert butyl alcohol	3.08	59	37534	111.24	ug/l	99
12) 1,1-Dichloroethene	2.37	96	24187	21.95	ug/l	95
13) Acrolein	2.29	56	19800	118.22	ug/l	98
14) Allyl chloride	2.73	41	48714	21.20	ug/l	98
15) Acrylonitrile	3.15	53	92609	113.60	ug/l	98
16) Acetone	2.45	43	73254	110.47	ug/l	100
17) Carbon Disulfide	2.57	76	67332	21.24	ug/l	99
18) Methyl Acetate	2.78	43	47683	23.81	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	86617	22.25	ug/l	97
20) Methylene Chloride	2.86	84	29347	22.34	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	26316	22.20	ug/l	99
22) Diisopropyl ether	3.88	45	87415	20.84	ug/l	# 91
23) Vinyl Acetate	3.83	43	376697	104.83	ug/l	99
24) 1,1-Dichloroethane	3.70	63	53178	22.49	ug/l	98
25) 2-Butanone	4.71	43	102493	100.05	ug/l	97
26) 2,2-Dichloropropane	4.59	77	21167	14.16	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	24484	19.03	ug/l	98
28) Bromochloromethane	5.03	49	17407	18.35	ug/l	98
29) Tetrahydrofuran	5.17	42	66813	100.19	ug/l	99
30) Chloroform	5.22	83	44994	20.98	ug/l	98
31) Cyclohexane	5.57	56	37824	19.93	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	39054	21.93	ug/l	97
36) 1,1-Dichloropropene	5.80	75	32311	17.49	ug/l	98
37) Ethyl Acetate	4.87	43	37541	16.90	ug/l	98
38) Carbon Tetrachloride	5.78	117	31662	17.78	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	34810	17.12	ug/l	96
40) Benzene	6.15	78	99775	18.25	ug/l	98
41) Methacrylonitrile	5.07	41	20513	16.67	ug/l	98
42) 1,2-Dichloroethane	6.20	62	36418	18.92	ug/l	99
43) Isopropyl Acetate	6.47	43	58919	18.18	ug/l	98
44) Trichloroethene	7.21	130	26071	17.78	ug/l	97
45) 1,2-Dichloropropane	7.52	63	27119	19.19	ug/l	98
46) Dibromomethane	7.66	93	17551	19.33	ug/l	96
47) Bromodichloromethane	7.90	83	31640	18.59	ug/l	98
48) Methyl methacrylate	7.78	41	32478	19.75	ug/l	98
49) 1,4-Dioxane	7.76	88	13718	373.84	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	218213	99.78	ug/l	100
52) Toluene	8.79	92	70431	20.72	ug/l	99
53) t-1,3-Dichloropropene	9.05	75	35965	19.08	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	40436	19.50	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	28913	20.81	ug/l	98
56) Ethyl methacrylate	9.18	69	41906	20.27	ug/l	99
57) 1,3-Dichloropropane	9.38	76	48764	20.90	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	105311	101.36	ug/l	99
59) 2-Hexanone	9.50	43	166133	99.03	ug/l	100
60) Dibromochloromethane	9.59	129	27448	20.83	ug/l	100
61) 1,2-Dibromoethane	9.68	107	29651	20.50	ug/l	99
64) Tetrachloroethene	9.34	164	28448	19.69	ug/l	98
65) Chlorobenzene	10.14	112	78740	19.80	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	27831	20.13	ug/l	98
67) Ethyl Benzene	10.26	91	129549	19.46	ug/l	99
68) m/p-Xylenes	10.36	106	102472	40.13	ug/l	100
69) o-Xylene	10.70	106	48112	19.57	ug/l	98
70) Styrene	10.71	104	83023	20.11	ug/l	99
71) Bromoform	10.86	173	21050	19.26	ug/l #	98
73) Isopropylbenzene	11.02	105	133379	20.65	ug/l	100
74) N-amyl acetate	6.47	43	58919	17.49	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	46368	19.44	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	39154m	19.74	ug/l	
77) Bromobenzene	11.26	156	35683	20.34	ug/l	97
78) n-propylbenzene	11.37	91	151968	20.37	ug/l	100
79) 2-Chlorotoluene	11.43	91	91707	20.23	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	113149	20.70	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	10882	17.00	ug/l	96
82) 4-Chlorotoluene	11.51	91	108239	20.27	ug/l	100
83) tert-Butylbenzene	11.77	119	107914	20.18	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	116490	20.74	ug/l	99
85) sec-Butylbenzene	11.95	105	129522	20.29	ug/l	100
86) p-Isopropyltoluene	12.07	119	116198	20.28	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	65504	20.04	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	66615	19.61	ug/l	98
89) n-Butylbenzene	12.39	91	96818	18.75	ug/l	100
90) Hexachloroethane	12.60	117	17696	20.39	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	66580	19.94	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	9269	18.66	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	46068	19.34	ug/l	100
94) Hexachlorobutadiene	13.79	225	21350	19.37	ug/l	99
95) Naphthalene	13.84	128	141520	19.64	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	47917	19.80	ug/l	99

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

