

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071318\
 Data File : VX003372.D
 Acq On : 13 Jul 2018 20:15
 Operator : JC/MD
 Sample : VX0713WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0713WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/16/2018 11:24:46 AM

Quant Time: Jul 14 03:02:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 13 17:01:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	294172	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	433240	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	417579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	243094	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	166670	51.70	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.40%	
35) Dibromofluoromethane	5.51	113	146888	46.07	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.14%	
50) Toluene-d8	8.72	98	510197	48.71	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.42%	
62) 4-Bromofluorobenzene	11.14	95	200300	45.11	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	59356	24.81	ug/l	98
3) Chloromethane	1.32	50	74639	24.75	ug/l	100
4) Vinyl Chloride	1.40	62	85678	22.56	ug/l	100
5) Bromomethane	1.64	94	46465	21.62	ug/l	100
6) Chloroethane	1.72	64	54558	23.33	ug/l	99
7) Trichlorofluoromethane	1.93	101	116386	21.27	ug/l	99
8) Diethyl Ether	2.19	74	50020	20.64	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.38	101	72020	20.48	ug/l	96
10) Methyl Iodide	2.51	142	70916	19.85	ug/l	96
11) Tert butyl alcohol	3.08	59	92102	107.97	ug/l	99
12) 1,1-Dichloroethene	2.37	96	68082	20.85	ug/l	93
13) Acrolein	2.29	56	39154	125.24	ug/l	99
14) Allyl chloride	2.73	41	130367	20.81	ug/l	89
15) Acrylonitrile	3.15	53	213524	100.26	ug/l	98
16) Acetone	2.45	43	171854	104.07	ug/l	89
17) Carbon Disulfide	2.57	76	189828	23.67	ug/l	98
18) Methyl Acetate	2.78	43	104821	20.44	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	234469	20.08	ug/l	100
20) Methylene Chloride	2.86	84	79103	21.76	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	73254	21.02	ug/l	96
22) Diisopropyl ether	3.87	45	223343	19.15	ug/l	96
23) Vinyl Acetate	3.83	43	920478	96.60	ug/l	96
24) 1,1-Dichloroethane	3.70	63	140334	21.23	ug/l	99
25) 2-Butanone	4.71	43	254101	99.28	ug/l	94
26) 2,2-Dichloropropane	4.59	77	86445	18.47	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	75662	19.75	ug/l	95
28) Bromochloromethane	5.02	49	61250	20.33	ug/l	93
29) Tetrahydrofuran	5.17	42	164505	100.61	ug/l	94
30) Chloroform	5.21	83	125951	19.88	ug/l	99
31) Cyclohexane	5.58	56	108321	21.41	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	105728	20.03	ug/l	98
36) 1,1-Dichloropropene	5.80	75	92695	20.14	ug/l	99
37) Ethyl Acetate	4.86	43	98062	19.44	ug/l	96
38) Carbon Tetrachloride	5.79	117	92652	19.75	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	106856	20.51	ug/l	95
40) Benzene	6.15	78	287310	19.93	ug/l	100
41) Methacrylonitrile	5.07	41	55133	19.08	ug/l	94
42) 1,2-Dichloroethane	6.20	62	99568	19.77	ug/l	97
43) Isopropyl Acetate	6.47	43	153291	19.39	ug/l	96
44) Trichloroethene	7.22	130	80300	19.66	ug/l	99
45) 1,2-Dichloropropane	7.52	63	73024	19.10	ug/l	98
46) Dibromomethane	7.67	93	48231	19.62	ug/l	98
47) Bromodichloromethane	7.90	83	88655	19.13	ug/l	99
48) Methyl methacrylate	7.78	41	78891	19.56	ug/l	88
49) 1,4-Dioxane	7.76	88	35721	405.77	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	510073	98.72	ug/l	94
52) Toluene	8.79	92	183590	20.10	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	105754	19.42	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	96506	19.40	ug/l #	89
55) 1,1,2-Trichloroethane	9.22	97	74214	19.46	ug/l	98
56) Ethyl methacrylate	9.18	69	106528	19.56	ug/l #	86
57) 1,3-Dichloropropane	9.37	76	121503	19.66	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	268332	101.39	ug/l	99
59) 2-Hexanone	9.50	43	387066	101.57	ug/l	92
60) Dibromochloromethane	9.59	129	71436	19.30	ug/l	100
61) 1,2-Dibromoethane	9.68	107	76515	19.90	ug/l	100
64) Tetrachloroethene	9.34	164	91587	20.25	ug/l	97
65) Chlorobenzene	10.14	112	207237	19.33	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	71122	18.76	ug/l	98
67) Ethyl Benzene	10.26	91	342938	19.65	ug/l	99
68) m/p-Xylenes	10.36	106	269738	40.13	ug/l	96
69) o-Xylene	10.70	106	129401	19.71	ug/l	96
70) Styrene	10.71	104	216555	19.63	ug/l	98
71) Bromoform	10.86	173	53209	18.33	ug/l #	99
73) Isopropylbenzene	11.02	105	345936	20.58	ug/l	100
74) N-amyl acetate	6.47	43	153291	19.67	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	107657	19.62	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	95423m	19.87	ug/l	
77) Bromobenzene	11.26	156	93731	19.73	ug/l	100
78) n-propylbenzene	11.36	91	391135	20.59	ug/l	100
79) 2-Chlorotoluene	11.42	91	234159	19.95	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	284693	20.44	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	27094	18.81	ug/l	98
82) 4-Chlorotoluene	11.51	91	273450	20.00	ug/l	99
83) tert-Butylbenzene	11.77	119	272573	19.76	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	293331	20.76	ug/l	98
85) sec-Butylbenzene	11.95	105	332653	20.18	ug/l	100
86) p-Isopropyltoluene	12.07	119	297248	20.16	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	169335	19.10	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	171737	19.07	ug/l	100
89) n-Butylbenzene	12.39	91	245390	19.45	ug/l	100
90) Hexachloroethane	12.60	117	39702	17.96	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	172405	19.43	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20500	18.84	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	114634	18.88	ug/l	99
94) Hexachlorobutadiene	13.79	225	52895	18.46	ug/l	99
95) Naphthalene	13.84	128	336185	19.76	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	117618	19.20	ug/l	99

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

