

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082319\
 Data File : VX011788.D
 Acq On : 23 Aug 2019 11:22
 Operator : JC/SP
 Sample : VX0823WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0823WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/26/2019 11:40:37 AM

Quant Time: Aug 26 02:09:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	419360	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	540895	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	497005	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	273997	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	176891	41.99	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	83.98%	
35) Dibromofluoromethane	5.49	113	169461	48.45	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.90%	
50) Toluene-d8	8.71	98	626338	51.34	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.68%	
62) 4-Bromofluorobenzene	11.13	95	235642	48.87	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	71674	18.313	ug/l	99
3) Chloromethane	1.32	50	63480	18.495	ug/l	98
4) Vinyl Chloride	1.40	62	64636	18.838	ug/l	99
5) Bromomethane	1.64	94	39688	20.997	ug/l	95
6) Chloroethane	1.71	64	39082	19.482	ug/l	96
7) Trichlorofluoromethane	1.92	101	101357	18.554	ug/l	98
8) Diethyl Ether	2.18	74	34230	18.428	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	59546	17.615	ug/l	94
10) Methyl Iodide	2.50	142	71693	17.364	ug/l	99
11) Tert butyl alcohol	3.03	59	66094	79.397	ug/l	97
12) 1,1-Dichloroethene	2.37	96	58685	17.804	ug/l	99
13) Acrolein	2.28	56	27435	85.258	ug/l	95
14) Allyl chloride	2.72	41	87543	16.993	ug/l	95
15) Acrylonitrile	3.13	53	160012	84.038	ug/l	98
16) Acetone	2.43	43	140265	76.541	ug/l	96
17) Carbon Disulfide	2.56	76	140861	16.902	ug/l	100
18) Methyl Acetate	2.76	43	90253	18.150	ug/l	96
19) Methyl tert-butyl Ether	3.18	73	185622	17.556	ug/l	97
20) Methylene Chloride	2.85	84	63768	17.020	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	62183	17.491	ug/l	98
22) Diisopropyl ether	3.84	45	177547	17.772	ug/l	93
23) Vinyl Acetate	3.81	43	719540	86.992	ug/l	98
24) 1,1-Dichloroethane	3.68	63	105158	17.828	ug/l	99
25) 2-Butanone	4.66	43	221743	84.301	ug/l	99
26) 2,2-Dichloropropane	4.57	77	80773	16.126	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	71707	17.588	ug/l	97
28) Bromochloromethane	5.01	49	49759	18.584	ug/l	92
29) Tetrahydrofuran	5.12	42	143541	85.130	ug/l	99
30) Chloroform	5.20	83	109435	17.101	ug/l	99
31) Cyclohexane	5.57	56	92869	17.928	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	93350	16.782	ug/l	99
36) 1,1-Dichloropropene	5.79	75	78981	18.621	ug/l	95
37) Ethyl Acetate	4.82	43	83429	18.587	ug/l	99
38) Carbon Tetrachloride	5.78	117	84076	17.490	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	103022	19.600	ug/l	98
40) Benzene	6.13	78	245266	18.693	ug/l	99
41) Methacrylonitrile	5.03	41	46122	17.668	ug/l	98
42) 1,2-Dichloroethane	6.18	62	82472	17.194	ug/l	96
43) Isopropyl Acetate	6.43	43	123223	16.961	ug/l	97
44) Trichloroethene	7.21	130	76626	18.945	ug/l	100
45) 1,2-Dichloropropane	7.51	63	61199	18.556	ug/l	99
46) Dibromomethane	7.65	93	43065	17.711	ug/l	96
47) Bromodichloromethane	7.89	83	79125	18.077	ug/l	97
48) Methyl methacrylate	7.76	41	63799	17.646	ug/l	98
49) 1,4-Dioxane	7.73	88	33323	332.646	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	410659	85.785	ug/l	98
52) Toluene	8.78	92	158008	18.609	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	78846	17.159	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	90980	18.150	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	65915	18.633	ug/l	97
56) Ethyl methacrylate	9.17	69	92570	18.400	ug/l	97
57) 1,3-Dichloropropane	9.37	76	101978	17.853	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	257346	97.240	ug/l	97
59) 2-Hexanone	9.49	43	322869	87.874	ug/l	98
60) Dibromochloromethane	9.58	129	69603	18.198	ug/l	99
61) 1,2-Dibromoethane	9.66	107	72022	18.974	ug/l	99
64) Tetrachloroethene	9.33	164	79987	20.173	ug/l	100
65) Chlorobenzene	10.13	112	185470	19.114	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	69172	19.027	ug/l	98
67) Ethyl Benzene	10.25	91	306329	18.891	ug/l	98
68) m/p-Xylenes	10.35	106	241768	38.668	ug/l	99
69) o-Xylene	10.69	106	116802	19.027	ug/l	97
70) Styrene	10.71	104	199174	19.396	ug/l	96
71) Bromoform	10.85	173	56007	17.858	ug/l #	98
73) Isopropylbenzene	11.01	105	312178	18.906	ug/l	99
74) N-amyl acetate	10.90	43	109571	17.140	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	96352	17.629	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	83583m	17.385	ug/l	
77) Bromobenzene	11.25	156	92491	19.000	ug/l	95
78) n-propylbenzene	11.35	91	340998	19.313	ug/l	99
79) 2-Chlorotoluene	11.42	91	203492	18.525	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	266228	19.324	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	26360	16.535	ug/l	94
82) 4-Chlorotoluene	11.51	91	233870	18.471	ug/l	97
83) tert-Butylbenzene	11.77	119	265227	19.513	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	263471	18.938	ug/l	99
85) sec-Butylbenzene	11.94	105	301584	19.396	ug/l	98
86) p-Isopropyltoluene	12.06	119	290280	19.404	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	161220	19.233	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	160517	18.926	ug/l	99
89) n-Butylbenzene	12.38	91	227115	18.339	ug/l	98
90) Hexachloroethane	12.59	117	42734	18.387	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	158966	18.802	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20337	16.008	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	111635	17.950	ug/l	99
94) Hexachlorobutadiene	13.78	225	65190	19.129	ug/l	99
95) Naphthalene	13.83	128	305888	17.858	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	116730	18.693	ug/l	98

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

