

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072319\
 Data File : VX011052.D
 Acq On : 23 Jul 2019 12:08
 Operator : JC/SP
 Sample : VX0723WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/25/2019 3:07:01 PM

Quant Time: Jul 24 05:14:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 20 04:05:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	244289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	357384	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	322603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	174933	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	119603	46.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.04%	
35) Dibromofluoromethane	5.49	113	107442	47.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.72%	
50) Toluene-d8	8.71	98	400502	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	
62) 4-Bromofluorobenzene	11.13	95	151266	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	49187	19.223	ug/l	99
3) Chloromethane	1.32	50	41064	18.279	ug/l	95
4) Vinyl Chloride	1.41	62	43458	18.966	ug/l	98
5) Bromomethane	1.64	94	24714	19.140	ug/l	95
6) Chloroethane	1.72	64	26359	18.102	ug/l	97
7) Trichlorofluoromethane	1.93	101	76432	19.705	ug/l	98
8) Diethyl Ether	2.19	74	25153	18.821	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	44546	20.114	ug/l	98
10) Methyl Iodide	2.51	142	53399	18.374	ug/l	99
11) Tert butyl alcohol	3.04	59	58686	96.961	ug/l	100
12) 1,1-Dichloroethene	2.37	96	40968	18.828	ug/l	96
13) Acrolein	2.29	56	26303	75.217	ug/l	100
14) Allyl chloride	2.73	41	61605	19.491	ug/l	97
15) Acrylonitrile	3.14	53	116181	94.995	ug/l	99
16) Acetone	2.44	43	120776	102.896	ug/l	97
17) Carbon Disulfide	2.57	76	95896	17.181	ug/l	98
18) Methyl Acetate	2.77	43	53423	19.988	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	138047	19.707	ug/l	98
20) Methylene Chloride	2.85	84	46238	18.588	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	43961	19.041	ug/l	99
22) Diisopropyl ether	3.85	45	129921	19.490	ug/l	95
23) Vinyl Acetate	3.81	43	550562	97.478	ug/l	100
24) 1,1-Dichloroethane	3.70	63	73342	18.945	ug/l	99
25) 2-Butanone	4.67	43	167522	99.423	ug/l	99
26) 2,2-Dichloropropane	4.58	77	61931	19.483	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	50866	19.036	ug/l	99
28) Bromochloromethane	5.02	49	34136	18.712	ug/l	99
29) Tetrahydrofuran	5.13	42	101781	95.363	ug/l	100
30) Chloroform	5.21	83	80492	19.236	ug/l	95
31) Cyclohexane	5.57	56	66885	18.955	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	69798	19.280	ug/l	98
36) 1,1-Dichloropropene	5.80	75	58824	20.038	ug/l	99
37) Ethyl Acetate	4.83	43	57087	18.991	ug/l	99
38) Carbon Tetrachloride	5.78	117	60454	19.763	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	75052	19.715	ug/l	98
40) Benzene	6.14	78	175778	19.548	ug/l	98
41) Methacrylonitrile	5.04	41	31785	18.627	ug/l	98
42) 1,2-Dichloroethane	6.19	62	63447	20.293	ug/l	98
43) Isopropyl Acetate	6.44	43	95953	19.413	ug/l	99
44) Trichloroethene	7.21	130	51797	19.460	ug/l	91
45) 1,2-Dichloropropane	7.51	63	44662	19.514	ug/l	99
46) Dibromomethane	7.66	93	32329	19.768	ug/l	99
47) Bromodichloromethane	7.90	83	58881	20.226	ug/l	96
48) Methyl methacrylate	7.77	41	46397	19.269	ug/l	97
49) 1,4-Dioxane	7.74	88	26681	396.138	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	319325	99.663	ug/l	100
52) Toluene	8.78	92	116643	19.746	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	60847	19.438	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	68700	19.723	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	48821	20.072	ug/l	99
56) Ethyl methacrylate	9.18	69	71574	20.117	ug/l	98
57) 1,3-Dichloropropane	9.37	76	75851	19.658	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	162530	95.696	ug/l	100
59) 2-Hexanone	9.49	43	254623	102.459	ug/l	99
60) Dibromochloromethane	9.58	129	49597	19.350	ug/l	100
61) 1,2-Dibromoethane	9.67	107	51007	19.760	ug/l	99
64) Tetrachloroethene	9.34	164	51197	20.173	ug/l	96
65) Chlorobenzene	10.13	112	132435	19.987	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	46806	20.099	ug/l	97
67) Ethyl Benzene	10.25	91	225577	20.001	ug/l	99
68) m/p-Xylenes	10.36	106	174322	40.294	ug/l	99
69) o-Xylene	10.69	106	84487	20.010	ug/l	100
70) Styrene	10.71	104	143761	20.425	ug/l	99
71) Bromoform	10.85	173	35803	18.574	ug/l #	99
73) Isopropylbenzene	11.02	105	231561	19.590	ug/l	98
74) N-amyl acetate	10.90	43	87868	19.455	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	74990	19.386	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	61734m	19.556	ug/l	
77) Bromobenzene	11.26	156	63340	19.427	ug/l	99
78) n-propylbenzene	11.36	91	259797	19.892	ug/l	100
79) 2-Chlorotoluene	11.42	91	151665	19.331	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	194469	19.689	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	20097	18.825	ug/l	93
82) 4-Chlorotoluene	11.51	91	178718	19.572	ug/l	100
83) tert-Butylbenzene	11.77	119	190813	19.668	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	195053	19.593	ug/l	99
85) sec-Butylbenzene	11.94	105	229082	20.152	ug/l	100
86) p-Isopropyltoluene	12.06	119	214316	20.393	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	113813	20.115	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	112530	19.391	ug/l	98
89) n-Butylbenzene	12.38	91	181933	20.235	ug/l	99
90) Hexachloroethane	12.59	117	30953	18.673	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	110972	19.789	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15439	19.094	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	77377	20.360	ug/l	99
94) Hexachlorobutadiene	13.78	225	38380	20.379	ug/l	99
95) Naphthalene	13.83	128	225170	20.064	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	76679	20.278	ug/l	99

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

