

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062119\
 Data File : VX010376.D
 Acq On : 21 Jun 2019 11:54
 Operator : JC/SP
 Sample : VX0621WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0621WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/24/2019 11:23:03 AM

Quant Time: Jun 21 23:26:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	295815	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	432038	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	382856	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	197081	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	129417	46.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.32%	
35) Dibromofluoromethane	5.49	113	127141	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	
50) Toluene-d8	8.71	98	489372	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
62) 4-Bromofluorobenzene	11.13	95	170938	46.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	36864	17.925	ug/l	99
3) Chloromethane	1.33	50	41635	17.386	ug/l	100
4) Vinyl Chloride	1.41	62	46106	17.578	ug/l	97
5) Bromomethane	1.64	94	26547	20.774	ug/l	99
6) Chloroethane	1.73	64	28271	18.269	ug/l	94
7) Trichlorofluoromethane	1.93	101	75708	18.207	ug/l	97
8) Diethyl Ether	2.18	74	27648	18.541	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	47085	18.686	ug/l	99
10) Methyl Iodide	2.51	142	49843	13.860	ug/l	100
11) Tert butyl alcohol	3.04	59	59932	82.579	ug/l	98
12) 1,1-Dichloroethene	2.37	96	45176	17.619	ug/l	98
13) Acrolein	2.29	56	33399	69.372	ug/l	97
14) Allyl chloride	2.73	41	66707	18.325	ug/l	99
15) Acrylonitrile	3.14	53	126905	88.318	ug/l	100
16) Acetone	2.44	43	123515	88.858	ug/l	98
17) Carbon Disulfide	2.57	76	117845	17.131	ug/l	100
18) Methyl Acetate	2.77	43	47963	17.313	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	144965	17.972	ug/l	99
20) Methylene Chloride	2.85	84	51942	18.158	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	49671	18.012	ug/l	98
22) Diisopropyl ether	3.85	45	137310	18.041	ug/l	94
23) Vinyl Acetate	3.81	43	607330	92.370	ug/l	100
24) 1,1-Dichloroethane	3.70	63	80756	18.356	ug/l	99
25) 2-Butanone	4.67	43	179199	87.886	ug/l	97
26) 2,2-Dichloropropane	4.57	77	70178	18.363	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	57212	17.953	ug/l	99
28) Bromochloromethane	5.01	49	40881	19.436	ug/l	96
29) Tetrahydrofuran	5.12	42	108038	85.543	ug/l	98
30) Chloroform	5.21	83	85063	17.970	ug/l	95
31) Cyclohexane	5.58	56	72499	18.097	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	76009	18.186	ug/l	99
36) 1,1-Dichloropropene	5.80	75	62409	18.178	ug/l	99
37) Ethyl Acetate	4.83	43	63289	17.919	ug/l	98
38) Carbon Tetrachloride	5.78	117	68189	18.342	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	85619	18.972	ug/l	98
40) Benzene	6.14	78	197648	18.479	ug/l	100
41) Methacrylonitrile	5.04	41	33812	17.448	ug/l	97
42) 1,2-Dichloroethane	6.18	62	61887	19.008	ug/l	99
43) Isopropyl Acetate	6.44	43	105135	17.992	ug/l	99
44) Trichloroethene	7.21	130	58771	18.363	ug/l	99
45) 1,2-Dichloropropane	7.51	63	49655	18.383	ug/l	97
46) Dibromomethane	7.66	93	35989	18.571	ug/l	99
47) Bromodichloromethane	7.90	83	64814	18.250	ug/l	97
48) Methyl methacrylate	7.77	41	49693	18.295	ug/l	99
49) 1,4-Dioxane	7.74	88	28587	365.349	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	339114	90.737	ug/l	99
52) Toluene	8.78	92	130313	18.500	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	71189	17.879	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	79319	18.331	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	52737	18.154	ug/l	97
56) Ethyl methacrylate	9.18	69	78841	17.916	ug/l	99
57) 1,3-Dichloropropane	9.37	76	82938	18.392	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	190907	91.343	ug/l	100
59) 2-Hexanone	9.49	43	263178	89.474	ug/l	100
60) Dibromochloromethane	9.58	129	58095	17.861	ug/l	100
61) 1,2-Dibromoethane	9.67	107	55843	17.809	ug/l	98
64) Tetrachloroethene	9.34	164	59293	19.147	ug/l	97
65) Chlorobenzene	10.13	112	146339	18.827	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	53058	18.740	ug/l	99
67) Ethyl Benzene	10.25	91	245935	18.742	ug/l	99
68) m/p-Xylenes	10.35	106	194149	38.185	ug/l	98
69) o-Xylene	10.69	106	93444	18.688	ug/l	99
70) Styrene	10.71	104	158919	18.952	ug/l	100
71) Bromoform	10.85	173	44396	18.032	ug/l #	99
73) Isopropylbenzene	11.02	105	249361	18.665	ug/l	100
74) N-amyl acetate	10.90	43	93521	18.523	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	80279	18.145	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	67395m	18.766	ug/l	
77) Bromobenzene	11.26	156	69027	18.504	ug/l	99
78) n-propylbenzene	11.36	91	279494	19.035	ug/l	100
79) 2-Chlorotoluene	11.42	91	160604	18.369	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	209213	18.996	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	25472	16.546	ug/l	97
82) 4-Chlorotoluene	11.51	91	184423	18.537	ug/l	98
83) tert-Butylbenzene	11.77	119	207548	18.776	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	208875	18.877	ug/l	98
85) sec-Butylbenzene	11.94	105	251324	19.364	ug/l	100
86) p-Isopropyltoluene	12.06	119	230440	19.195	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	121670	18.685	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	121410	18.314	ug/l	99
89) n-Butylbenzene	12.38	91	197641	19.374	ug/l	99
90) Hexachloroethane	12.59	117	38635	18.612	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	122495	18.928	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16006	16.779	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	87517	19.500	ug/l	98
94) Hexachlorobutadiene	13.78	225	42367	19.315	ug/l	98
95) Naphthalene	13.83	128	260018	18.853	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	87116	19.523	ug/l	98

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

