

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082019\
 Data File : VX011681.D
 Acq On : 20 Aug 2019 13:51
 Operator : JC/SP
 Sample : VX0820WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/21/2019 8:33:14 AM

Quant Time: Aug 20 23:50:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	354145	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	485358	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	441750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	237643	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	154629	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	
35) Dibromofluoromethane	5.49	113	140391	44.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.44%	
50) Toluene-d8	8.71	98	467184	47.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.46%	
62) 4-Bromofluorobenzene	11.13	95	192646	46.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	76610	22.008	ug/l	99
3) Chloromethane	1.32	50	64316	17.789	ug/l	98
4) Vinyl Chloride	1.40	62	62804	19.229	ug/l	100
5) Bromomethane	1.63	94	41699	28.494	ug/l	100
6) Chloroethane	1.71	64	35356	22.873	ug/l	99
7) Trichlorofluoromethane	1.92	101	97251	21.498	ug/l	99
8) Diethyl Ether	2.18	74	33424	21.539	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	61104	19.556	ug/l	98
10) Methyl Iodide	2.50	142	72621	16.315	ug/l	99
11) Tert butyl alcohol	3.04	59	76731	95.233	ug/l	99
12) 1,1-Dichloroethene	2.37	96	58314	19.312	ug/l	95
13) Acrolein	2.29	56	29325	124.705	ug/l	97
14) Allyl chloride	2.72	41	93594	18.633	ug/l	97
15) Acrylonitrile	3.14	53	185289	100.480	ug/l	100
16) Acetone	2.43	43	157706	95.500	ug/l	98
17) Carbon Disulfide	2.56	76	116313	16.347	ug/l	99
18) Methyl Acetate	2.76	43	105962	20.690	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	208967	21.248	ug/l	99
20) Methylene Chloride	2.85	84	68693	19.812	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	62924	19.664	ug/l	98
22) Diisopropyl ether	3.85	45	208124	20.805	ug/l	99
23) Vinyl Acetate	3.81	43	794326	100.274	ug/l	100
24) 1,1-Dichloroethane	3.69	63	114961	20.326	ug/l	97
25) 2-Butanone	4.67	43	251117	96.862	ug/l	99
26) 2,2-Dichloropropane	4.58	77	79477	18.670	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	76804	20.589	ug/l	97
28) Bromochloromethane	5.01	49	44987	18.119	ug/l	99
29) Tetrahydrofuran	5.12	42	164857	96.940	ug/l	98
30) Chloroform	5.21	83	121516	20.358	ug/l	99
31) Cyclohexane	5.57	56	99035	20.337	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	103551	20.176	ug/l	100
36) 1,1-Dichloropropene	5.80	75	85732	20.660	ug/l	99
37) Ethyl Acetate	4.82	43	93047	19.495	ug/l	99
38) Carbon Tetrachloride	5.77	117	86504	18.921	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	98440	19.209	ug/l	98
40) Benzene	6.13	78	264996	20.549	ug/l	100
41) Methacrylonitrile	5.03	41	55206	21.016	ug/l	99
42) 1,2-Dichloroethane	6.18	62	94462	21.142	ug/l	98
43) Isopropyl Acetate	6.44	43	148032	19.873	ug/l	99
44) Trichloroethene	7.21	130	76627	20.030	ug/l	94
45) 1,2-Dichloropropane	7.51	63	65503	20.367	ug/l	99
46) Dibromomethane	7.66	93	44344	18.974	ug/l	97
47) Bromodichloromethane	7.90	83	77190	17.988	ug/l	96
48) Methyl methacrylate	7.76	41	71189	19.299	ug/l	94
49) 1,4-Dioxane	7.74	88	35120	357.956	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	488304	100.153	ug/l	99
52) Toluene	8.78	92	170792	20.789	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	83311	18.707	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	92007	18.878	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	71825	20.558	ug/l	97
56) Ethyl methacrylate	9.18	69	103883	20.458	ug/l	99
57) 1,3-Dichloropropane	9.37	76	113153	20.375	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.30	63	249078	98.444	ug/l	99
59) 2-Hexanone	9.49	43	376568	100.156	ug/l	99
60) Dibromochloromethane	9.58	129	65113	17.888	ug/l	97
61) 1,2-Dibromoethane	9.67	107	75495	20.247	ug/l	100
64) Tetrachloroethene	9.34	164	77367	21.346	ug/l	98
65) Chlorobenzene	10.13	112	192294	20.409	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	69644	19.776	ug/l	98
67) Ethyl Benzene	10.25	91	327250	20.811	ug/l	100
68) m/p-Xylenes	10.35	106	253721	42.035	ug/l	97
69) o-Xylene	10.69	106	122693	20.752	ug/l	99
70) Styrene	10.71	104	205866	20.684	ug/l	99
71) Bromoform	10.85	173	48499	16.530	ug/l #	100
73) Isopropylbenzene	11.02	105	333179	21.606	ug/l	100
74) N-amyl acetate	10.90	43	127999	19.533	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	105762	19.938	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	92063m	20.430	ug/l	
77) Bromobenzene	11.25	156	95789	20.879	ug/l	100
78) n-propylbenzene	11.36	91	360235	21.665	ug/l	100
79) 2-Chlorotoluene	11.42	91	218799	21.429	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	282256	21.790	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	24598	17.946	ug/l	88
82) 4-Chlorotoluene	11.51	91	252710	21.334	ug/l	100
83) tert-Butylbenzene	11.77	119	282079	21.381	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	283371	21.790	ug/l	100
85) sec-Butylbenzene	11.94	105	323095	21.706	ug/l	100
86) p-Isopropyltoluene	12.06	119	306482	21.887	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	164874	20.908	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	164009	20.520	ug/l	99
89) n-Butylbenzene	12.38	91	246248	21.390	ug/l	99
90) Hexachloroethane	12.59	117	39989	18.084	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	166956	21.091	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21296	17.548	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	116863	19.813	ug/l	98
94) Hexachlorobutadiene	13.78	225	61220	19.062	ug/l	99
95) Naphthalene	13.83	128	358718	21.513	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	115157	19.357	ug/l	99

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

