

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082119\
 Data File : VX011742.D
 Acq On : 21 Aug 2019 20:12
 Operator : JC/SP
 Sample : VX0821WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBSD02

Manual Integrations
 APPROVED

MMDadoda
 8/22/2019 10:01:45 AM

Quant Time: Aug 22 04:17:33 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	5.66	168	358875	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	477758	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	445424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	226633	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	159135	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	
35) Dibromofluoromethane	5.49	113	149601	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	
50) Toluene-d8	8.71	98	463381	47.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.18%	
62) 4-Bromofluorobenzene	11.13	95	201071	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	67251	19.065	ug/l	96
3) Chloromethane	1.32	50	57576	15.715	ug/l	98
4) Vinyl Chloride	1.40	62	57361	17.331	ug/l	98
5) Bromomethane	1.63	94	33134	22.343	ug/l	99
6) Chloroethane	1.71	64	33010	21.074	ug/l	99
7) Trichlorofluoromethane	1.92	101	95565	20.847	ug/l	97
8) Diethyl Ether	2.18	74	32598	20.730	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	59340	18.741	ug/l	98
10) Methyl Iodide	2.50	142	64887	14.385	ug/l	99
11) Tert butyl alcohol	3.04	59	81986	100.414	ug/l	97
12) 1,1-Dichloroethene	2.37	96	56490	18.461	ug/l	98
13) Acrolein	2.29	56	20809	90.977	ug/l	89
14) Allyl chloride	2.72	41	92651	18.202	ug/l	99
15) Acrylonitrile	3.14	53	185923	99.495	ug/l	100
16) Acetone	2.43	43	159474	95.298	ug/l	100
17) Carbon Disulfide	2.56	76	126051	17.482	ug/l	98
18) Methyl Acetate	2.77	43	107686	20.749	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	199460	20.014	ug/l	99
20) Methylene Chloride	2.85	84	66256	18.857	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	62745	19.350	ug/l	92
22) Diisopropyl ether	3.85	45	193258	19.064	ug/l	97
23) Vinyl Acetate	3.81	43	764106	95.188	ug/l	100
24) 1,1-Dichloroethane	3.69	63	107442	18.746	ug/l	98
25) 2-Butanone	4.67	43	245303	93.373	ug/l	97
26) 2,2-Dichloropropane	4.57	77	75601	17.526	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	70019	18.523	ug/l	99
28) Bromochloromethane	5.01	49	48914	19.441	ug/l	99
29) Tetrahydrofuran	5.12	42	159994	92.840	ug/l	97
30) Chloroform	5.20	83	116998	19.343	ug/l	96
31) Cyclohexane	5.57	56	92852	18.816	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	103504	19.901	ug/l	99
36) 1,1-Dichloropropene	5.80	75	80862	19.796	ug/l	97
37) Ethyl Acetate	4.83	43	90358	19.232	ug/l	99
38) Carbon Tetrachloride	5.78	117	89747	19.942	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	92987	18.434	ug/l	98
40) Benzene	6.14	78	253380	19.961	ug/l	99
41) Methacrylonitrile	5.04	41	52613	20.347	ug/l	98
42) 1,2-Dichloroethane	6.19	62	93133	21.177	ug/l	98
43) Isopropyl Acetate	6.44	43	144467	19.703	ug/l	100
44) Trichloroethene	7.21	130	73114	19.416	ug/l	93
45) 1,2-Dichloropropane	7.51	63	63598	20.090	ug/l	100
46) Dibromomethane	7.66	93	45145	19.624	ug/l	98
47) Bromodichloromethane	7.90	83	83007	19.651	ug/l	100
48) Methyl methacrylate	7.76	41	70751	19.485	ug/l	97
49) 1,4-Dioxane	7.74	88	38154	395.066	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	488185	101.722	ug/l	99
52) Toluene	8.78	92	162484	20.092	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	83781	19.111	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	92965	19.378	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	71037	20.656	ug/l	99
56) Ethyl methacrylate	9.18	69	100072	20.021	ug/l	98
57) 1,3-Dichloropropane	9.37	76	112934	20.659	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	256314	102.916	ug/l	100
59) 2-Hexanone	9.49	43	379091	102.431	ug/l	100
60) Dibromochloromethane	9.58	129	73005	20.375	ug/l	100
61) 1,2-Dibromoethane	9.67	107	76791	20.922	ug/l	97
64) Tetrachloroethene	9.34	164	75379	20.626	ug/l	99
65) Chlorobenzene	10.13	112	186405	19.621	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	70867	19.957	ug/l	98
67) Ethyl Benzene	10.25	91	314233	19.819	ug/l	98
68) m/p-Xylenes	10.35	106	243165	39.954	ug/l	98
69) o-Xylene	10.69	106	119797	20.095	ug/l	98
70) Styrene	10.71	104	201152	20.043	ug/l	99
71) Bromoform	10.85	173	58541	19.140	ug/l #	96
73) Isopropylbenzene	11.02	105	317129	21.565	ug/l	99
74) N-amyl acetate	10.90	43	122758	19.643	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	106859	21.123	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	90939m	21.161	ug/l	
77) Bromobenzene	11.25	156	93994	21.483	ug/l	99
78) n-propylbenzene	11.36	91	335865	21.180	ug/l	100
79) 2-Chlorotoluene	11.42	91	207689	21.329	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	266021	21.534	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	25137	18.909	ug/l	86
82) 4-Chlorotoluene	11.51	91	239354	21.188	ug/l	100
83) tert-Butylbenzene	11.77	119	266065	21.147	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	268644	21.661	ug/l	99
85) sec-Butylbenzene	11.94	105	300992	21.204	ug/l	100
86) p-Isopropyltoluene	12.06	119	282141	21.127	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	145795	19.386	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	153677	20.162	ug/l	98
89) n-Butylbenzene	12.38	91	228468	20.809	ug/l	98
90) Hexachloroethane	12.59	117	42338	20.076	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	156999	20.797	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23511	20.314	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	112314	19.967	ug/l	98
94) Hexachlorobutadiene	13.78	225	61723	20.152	ug/l	97
95) Naphthalene	13.83	128	344981	21.694	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	112724	19.869	ug/l	98

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

