

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082019\
 Data File : VX011686.D
 Acq On : 20 Aug 2019 15:48
 Operator : JC/SP
 Sample : VX0820WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/21/2019 8:33:19 AM

Quant Time: Aug 21 00:00:36 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	320987	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	460781	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	408620	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	213854	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	159123	53.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.92%	
35) Dibromofluoromethane	5.49	113	141643	47.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.00%	
50) Toluene-d8	8.71	98	454039	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
62) 4-Bromofluorobenzene	11.13	95	188965	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	66966	21.225	ug/l	100
3) Chloromethane	1.32	50	54072	16.500	ug/l	100
4) Vinyl Chloride	1.40	62	51945	17.548	ug/l	97
5) Bromomethane	1.63	94	34411	25.943	ug/l	98
6) Chloroethane	1.71	64	32568	23.246	ug/l	96
7) Trichlorofluoromethane	1.92	101	84966	20.722	ug/l	98
8) Diethyl Ether	2.18	74	29216	20.772	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	52797	18.643	ug/l	96
10) Methyl Iodide	2.50	142	61122	15.150	ug/l	96
11) Tert butyl alcohol	3.04	59	71254	97.571	ug/l	97
12) 1,1-Dichloroethene	2.37	96	51172	18.697	ug/l	95
13) Acrolein	2.29	56	24722	116.842	ug/l	93
14) Allyl chloride	2.72	41	82073	18.027	ug/l	96
15) Acrylonitrile	3.14	53	162348	97.134	ug/l	99
16) Acetone	2.43	43	138458	92.505	ug/l	96
17) Carbon Disulfide	2.56	76	107383	16.651	ug/l	97
18) Methyl Acetate	2.76	43	91404	19.691	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	180468	20.246	ug/l	99
20) Methylene Chloride	2.85	84	58731	18.688	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	54930	18.939	ug/l	95
22) Diisopropyl ether	3.85	45	172469	19.022	ug/l	97
23) Vinyl Acetate	3.81	43	680182	94.735	ug/l	99
24) 1,1-Dichloroethane	3.69	63	96819	18.887	ug/l	99
25) 2-Butanone	4.67	43	230260	97.992	ug/l	98
26) 2,2-Dichloropropane	4.58	77	70028	18.150	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	63837	18.881	ug/l	97
28) Bromochloromethane	5.01	49	46280	20.565	ug/l	98
29) Tetrahydrofuran	5.12	42	147798	95.886	ug/l	98
30) Chloroform	5.20	83	108858	20.121	ug/l	100
31) Cyclohexane	5.57	56	84389	19.120	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	92911	19.973	ug/l	99
36) 1,1-Dichloropropene	5.79	75	74195	18.833	ug/l	99
37) Ethyl Acetate	4.82	43	83328	18.389	ug/l	100
38) Carbon Tetrachloride	5.78	117	78780	18.150	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	86288	17.736	ug/l	97
40) Benzene	6.13	78	224399	18.329	ug/l	97
41) Methacrylonitrile	5.04	41	46666	18.712	ug/l	99
42) 1,2-Dichloroethane	6.19	62	86176	20.317	ug/l	99
43) Isopropyl Acetate	6.44	43	128522	18.174	ug/l	99
44) Trichloroethene	7.21	130	67263	18.520	ug/l	97
45) 1,2-Dichloropropane	7.51	63	58219	19.068	ug/l	100
46) Dibromomethane	7.66	93	40993	18.476	ug/l	97
47) Bromodichloromethane	7.90	83	74027	18.171	ug/l	100
48) Methyl methacrylate	7.77	41	65519	18.709	ug/l	96
49) 1,4-Dioxane	7.74	88	34750	373.076	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	439731	95.001	ug/l	100
52) Toluene	8.78	92	148242	19.006	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	76072	17.992	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	84280	18.215	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	63316	19.089	ug/l	96
56) Ethyl methacrylate	9.18	69	90036	18.677	ug/l	98
57) 1,3-Dichloropropane	9.37	76	98677	18.716	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	223552	93.068	ug/l	99
59) 2-Hexanone	9.49	43	332752	93.223	ug/l	100
60) Dibromochloromethane	9.58	129	60739	17.576	ug/l	98
61) 1,2-Dibromoethane	9.67	107	66187	18.698	ug/l	98
64) Tetrachloroethene	9.34	164	65793	19.624	ug/l	98
65) Chlorobenzene	10.13	112	167621	19.233	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	61130	18.766	ug/l	100
67) Ethyl Benzene	10.25	91	280671	19.296	ug/l	99
68) m/p-Xylenes	10.35	106	218174	39.076	ug/l	96
69) o-Xylene	10.69	106	104299	19.071	ug/l	96
70) Styrene	10.71	104	177923	19.325	ug/l	98
71) Bromoform	10.85	173	46471	17.005	ug/l #	99
73) Isopropylbenzene	11.02	105	289917	20.892	ug/l	99
74) N-amyl acetate	10.90	43	111661	18.935	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	93495	19.586	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	82700m	20.394	ug/l	
77) Bromobenzene	11.25	156	81593	19.763	ug/l	97
78) n-propylbenzene	11.36	91	308572	20.622	ug/l	99
79) 2-Chlorotoluene	11.42	91	190001	20.679	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	240045	20.593	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	21810	17.748	ug/l #	82
82) 4-Chlorotoluene	11.51	91	217296	20.385	ug/l	99
83) tert-Butylbenzene	11.77	119	244272	20.575	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	246235	21.041	ug/l	98
85) sec-Butylbenzene	11.94	105	272621	20.353	ug/l	99
86) p-Isopropyltoluene	12.06	119	256001	20.315	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	137040	19.311	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	139930	19.455	ug/l	99
89) n-Butylbenzene	12.38	91	206926	19.973	ug/l	99
90) Hexachloroethane	12.59	117	36327	18.255	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	139894	19.638	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20517	18.787	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	98586	18.574	ug/l	98
94) Hexachlorobutadiene	13.78	225	52513	18.169	ug/l	98
95) Naphthalene	13.83	128	295804	19.713	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	103807	19.390	ug/l	99

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

