

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100219\
 Data File : VX012760.D
 Acq On : 02 Oct 2019 14:52
 Operator : JC/SP
 Sample : VX1002WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1002WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/3/2019 10:50:40 AM

Quant Time: Oct 03 03:39:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	173311	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	302810	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	269111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	121765	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	119523	47.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.72%	
35) Dibromofluoromethane	5.49	113	93059	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	
50) Toluene-d8	8.71	98	342360	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
62) 4-Bromofluorobenzene	11.14	95	126172	46.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	31691	16.254	ug/l	99
3) Chloromethane	1.32	50	36828	16.450	ug/l	99
4) Vinyl Chloride	1.40	62	37877	17.021	ug/l	97
5) Bromomethane	1.63	94	16817	19.221	ug/l	95
6) Chloroethane	1.72	64	24083	16.054	ug/l	93
7) Trichlorofluoromethane	1.92	101	56022	17.931	ug/l	97
8) Diethyl Ether	2.18	74	21893	17.099	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	35201	18.498	ug/l	97
10) Methyl Iodide	2.50	142	28886	17.934	ug/l	96
11) Tert butyl alcohol	3.03	59	55287	87.695	ug/l	100
12) 1,1-Dichloroethene	2.36	96	33835	18.158	ug/l	98
13) Acrolein	2.28	56	22281	71.079	ug/l	95
14) Allyl chloride	2.72	41	64364	17.410	ug/l	97
15) Acrylonitrile	3.13	53	118315	92.503	ug/l	99
16) Acetone	2.44	43	114516	85.666	ug/l	95
17) Carbon Disulfide	2.56	76	80769	15.461	ug/l	97
18) Methyl Acetate	2.76	43	57552	18.284	ug/l	95
19) Methyl tert-butyl Ether	3.19	73	130350	18.481	ug/l	98
20) Methylene Chloride	2.84	84	41602	18.400	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	36995	17.921	ug/l	99
22) Diisopropyl ether	3.84	45	130593	18.281	ug/l	95
23) Vinyl Acetate	3.80	43	563713	89.984	ug/l	97
24) 1,1-Dichloroethane	3.69	63	71553	18.427	ug/l	98
25) 2-Butanone	4.66	43	170331	88.865	ug/l	93
26) 2,2-Dichloropropane	4.58	77	59799	17.315	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	44110	18.415	ug/l	95
28) Bromochloromethane	5.00	49	25320	17.958	ug/l	98
29) Tetrahydrofuran	5.12	42	108119	92.547	ug/l	96
30) Chloroform	5.20	83	73226	18.432	ug/l	100
31) Cyclohexane	5.57	56	63025	17.941	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	63673	18.084	ug/l	99
36) 1,1-Dichloropropene	5.79	75	53268	18.250	ug/l	99
37) Ethyl Acetate	4.83	43	59655	17.482	ug/l	95
38) Carbon Tetrachloride	5.77	117	53696	18.110	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	62341	17.742	ug/l	97
40) Benzene	6.14	78	161659	18.824	ug/l	97
41) Methacrylonitrile	5.03	41	34470	18.004	ug/l	94
42) 1,2-Dichloroethane	6.18	62	60688	18.609	ug/l	98
43) Isopropyl Acetate	6.43	43	101325	17.756	ug/l	97
44) Trichloroethene	7.21	130	41914	19.091	ug/l	95
45) 1,2-Dichloropropane	7.51	63	41597	18.919	ug/l	97
46) Dibromomethane	7.65	93	27565	18.414	ug/l	97
47) Bromodichloromethane	7.89	83	53645	17.930	ug/l	99
48) Methyl methacrylate	7.76	41	47978	17.534	ug/l	93
49) 1,4-Dioxane	7.73	88	22593	364.035	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	323210	91.755	ug/l	96
52) Toluene	8.78	92	100880	18.690	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	58124	17.559	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	63641	17.608	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	42254	19.691	ug/l	96
56) Ethyl methacrylate	9.17	69	64943	18.014	ug/l	91
57) 1,3-Dichloropropane	9.37	76	70935	18.887	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	145351	89.820	ug/l	99
59) 2-Hexanone	9.49	43	246099	91.274	ug/l	96
60) Dibromochloromethane	9.58	129	39862	18.350	ug/l	100
61) 1,2-Dibromoethane	9.67	107	42946	19.230	ug/l	100
64) Tetrachloroethene	9.33	164	37688	20.086	ug/l	95
65) Chlorobenzene	10.14	112	104833	18.499	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	38278	18.643	ug/l	98
67) Ethyl Benzene	10.25	91	189379	18.425	ug/l	98
68) m/p-Xylenes	10.35	106	143565	37.287	ug/l	98
69) o-Xylene	10.70	106	69155	18.562	ug/l	99
70) Styrene	10.71	104	117960	18.887	ug/l	98
71) Bromoform	10.85	173	25207	17.631	ug/l #	100
73) Isopropylbenzene	11.01	105	185123	18.667	ug/l	99
74) N-amyl acetate	10.89	43	80881	17.095	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	63009	19.184	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	59273m	18.402	ug/l	
77) Bromobenzene	11.25	156	43313	19.297	ug/l	97
78) n-propylbenzene	11.35	91	204370	18.304	ug/l	99
79) 2-Chlorotoluene	11.42	91	126416	18.150	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	158073	19.007	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	16945	15.076	ug/l	94
82) 4-Chlorotoluene	11.51	91	145394	18.312	ug/l	99
83) tert-Butylbenzene	11.76	119	150643	18.778	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	157034	18.718	ug/l	100
85) sec-Butylbenzene	11.94	105	177472	19.020	ug/l	99
86) p-Isopropyltoluene	12.06	119	156448	18.582	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	74638	18.478	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	76291	18.691	ug/l	98
89) n-Butylbenzene	12.39	91	130683	17.614	ug/l	100
90) Hexachloroethane	12.59	117	26491	17.649	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	76997	19.040	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	13709	16.686	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	44013	17.846	ug/l	98
94) Hexachlorobutadiene	13.78	225	20447	19.272	ug/l	98
95) Naphthalene	13.83	128	169950	19.046	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	47510	19.231	ug/l	99

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

