

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110819\
 Data File : VX013355.D
 Acq On : 08 Nov 2019 11:44
 Operator : JC/SP
 Sample : VX1108WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1108WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/11/2019 3:34:20 PM

Quant Time: Nov 11 03:23:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	747016	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1114177	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	995945	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	500762	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	419108	47.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.72%	
35) Dibromofluoromethane	5.48	113	343976	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
50) Toluene-d8	8.70	98	1329332	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
62) 4-Bromofluorobenzene	11.13	95	473073	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	159882	18.576	ug/l	99
3) Chloromethane	1.31	50	173326	18.570	ug/l	99
4) Vinyl Chloride	1.40	62	198617	18.691	ug/l	100
5) Bromomethane	1.62	94	113700	15.354	ug/l	99
6) Chloroethane	1.72	64	111984	17.665	ug/l	99
7) Trichlorofluoromethane	1.92	101	221822	17.669	ug/l	96
8) Diethyl Ether	2.17	74	98320	17.710	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	135532	19.369	ug/l	99
10) Methyl Iodide	2.50	142	152253	17.575	ug/l	98
11) Tert butyl alcohol	3.02	59	176485	75.661	ug/l	100
12) 1,1-Dichloroethene	2.36	96	134163	19.579	ug/l	98
13) Acrolein	2.28	56	107801	85.273	ug/l	99
14) Allyl chloride	2.72	41	241102	19.365	ug/l	97
15) Acrylonitrile	3.12	53	394054	90.438	ug/l	99
16) Acetone	2.42	43	380064	86.100	ug/l	100
17) Carbon Disulfide	2.56	76	345551	18.841	ug/l	99
18) Methyl Acetate	2.75	43	221994	18.216	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	448553	19.627	ug/l	95
20) Methylene Chloride	2.84	84	150106	18.405	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	145214	19.464	ug/l	97
22) Diisopropyl ether	3.83	45	491699	20.456	ug/l #	87
23) Vinyl Acetate	3.80	43	1955426	95.071	ug/l	100
24) 1,1-Dichloroethane	3.68	63	261935	19.480	ug/l	98
25) 2-Butanone	4.65	43	564566	87.182	ug/l	99
26) 2,2-Dichloropropane	4.57	77	214130	20.018	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	165107	19.755	ug/l	99
28) Bromochloromethane	4.99	49	69901	18.309	ug/l	97
29) Tetrahydrofuran	5.11	42	348405	87.306	ug/l	99
30) Chloroform	5.19	83	258564	19.474	ug/l	100
31) Cyclohexane	5.56	56	234756	19.402	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	220099	19.262	ug/l	98
36) 1,1-Dichloropropene	5.79	75	193096	20.202	ug/l	100
37) Ethyl Acetate	4.81	43	211587	17.915	ug/l	99
38) Carbon Tetrachloride	5.76	117	186348	19.937	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	237975	19.981	ug/l	99
40) Benzene	6.13	78	589059	19.784	ug/l	99
41) Methacrylonitrile	5.02	41	119097	17.991	ug/l	97
42) 1,2-Dichloroethane	6.17	62	206283	19.208	ug/l	100
43) Isopropyl Acetate	6.42	43	345837	18.804	ug/l	100
44) Trichloroethene	7.20	130	158429	19.331	ug/l	99
45) 1,2-Dichloropropane	7.50	63	152379	20.086	ug/l	97
46) Dibromomethane	7.65	93	97569	18.837	ug/l	97
47) Bromodichloromethane	7.89	83	194019	19.864	ug/l	96
48) Methyl methacrylate	7.76	41	173377	18.885	ug/l	99
49) 1,4-Dioxane	7.73	88	75139	357.385	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	1087320	90.111	ug/l	99
52) Toluene	8.78	92	369464	20.021	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	216150	20.238	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	238775	19.986	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	150391	19.662	ug/l	99
56) Ethyl methacrylate	9.17	69	234437	18.955	ug/l	97
57) 1,3-Dichloropropane	9.36	76	256634	19.765	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	491156	93.914	ug/l	99
59) 2-Hexanone	9.48	43	844787	90.597	ug/l	100
60) Dibromochloromethane	9.57	129	156201	19.968	ug/l	99
61) 1,2-Dibromoethane	9.67	107	158272	19.487	ug/l	99
64) Tetrachloroethene	9.33	164	143429	20.117	ug/l	98
65) Chlorobenzene	10.13	112	400027	19.839	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	148105	20.005	ug/l	99
67) Ethyl Benzene	10.25	91	712523	20.475	ug/l	99
68) m/p-Xylenes	10.36	106	541437	41.140	ug/l	98
69) o-Xylene	10.69	106	258574	20.068	ug/l	99
70) Styrene	10.71	104	443173	20.576	ug/l	98
71) Bromoform	10.85	173	119083	19.439	ug/l #	98
73) Isopropylbenzene	11.01	105	700155	21.088	ug/l	100
74) N-amyl acetate	10.89	43	302181	19.627	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	232253	19.175	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	191903m	18.867	ug/l	
77) Bromobenzene	11.25	156	180512	20.394	ug/l	96
78) n-propylbenzene	11.35	91	794295	21.477	ug/l	99
79) 2-Chlorotoluene	11.42	91	463157	20.785	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	581932	21.043	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	74258	18.792	ug/l	100
82) 4-Chlorotoluene	11.51	91	533638	20.458	ug/l	100
83) tert-Butylbenzene	11.76	119	581718	20.896	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	585807	21.116	ug/l	100
85) sec-Butylbenzene	11.94	105	670764	20.965	ug/l	99
86) p-Isopropyltoluene	12.06	119	630473	21.400	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	318044	20.159	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	321237	19.984	ug/l	100
89) n-Butylbenzene	12.39	91	529689	20.605	ug/l	99
90) Hexachloroethane	12.59	117	107811	20.539	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	325135	20.616	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	49182	16.667	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	224080	20.369	ug/l	98
94) Hexachlorobutadiene	13.78	225	104160	19.353	ug/l	98
95) Naphthalene	13.83	128	661472	19.165	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	219283	19.876	ug/l	100

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

