

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111319\
 Data File : VX013403.D
 Acq On : 13 Nov 2019 13:34
 Operator : JC/SP
 Sample : VX1113WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1113WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/14/2019 9:37:16 AM

Quant Time: Nov 14 04:51:23 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	5.65	168	722997	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1091481	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	965029	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	479788	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	411309	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	
35) Dibromofluoromethane	5.48	113	337426	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
50) Toluene-d8	8.71	98	1300466	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
62) 4-Bromofluorobenzene	11.13	95	457955	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	155583	18.677	ug/l	99
3) Chloromethane	1.31	50	171395	18.973	ug/l	98
4) Vinyl Chloride	1.40	62	200882	19.532	ug/l	100
5) Bromomethane	1.63	94	117781	16.434	ug/l	97
6) Chloroethane	1.72	64	112482	18.379	ug/l	100
7) Trichlorofluoromethane	1.92	101	217472	17.898	ug/l	100
8) Diethyl Ether	2.18	74	98807	18.389	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	136892	20.213	ug/l	99
10) Methyl Iodide	2.50	142	159664	19.042	ug/l	97
11) Tert butyl alcohol	3.02	59	186060	82.416	ug/l	99
12) 1,1-Dichloroethene	2.36	96	132955	20.048	ug/l	97
13) Acrolein	2.28	56	118997	97.256	ug/l	99
14) Allyl chloride	2.72	41	243226	20.185	ug/l	96
15) Acrylonitrile	3.12	53	420383	99.686	ug/l	98
16) Acetone	2.43	43	421823	98.735	ug/l	99
17) Carbon Disulfide	2.56	76	341787	19.255	ug/l	99
18) Methyl Acetate	2.76	43	240427	20.384	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	461082	20.845	ug/l	98
20) Methylene Chloride	2.84	84	155352	19.681	ug/l	100
21) trans-1,2-Dichloroethene	3.15	96	143295	19.844	ug/l	98
22) Diisopropyl ether	3.84	45	490340	21.077	ug/l	89
23) Vinyl Acetate	3.80	43	2024091	101.678	ug/l	99
24) 1,1-Dichloroethane	3.69	63	267564	20.560	ug/l	98
25) 2-Butanone	4.65	43	616562	98.374	ug/l	100
26) 2,2-Dichloropropane	4.57	77	217602	21.018	ug/l	96
27) cis-1,2-Dichloroethene	4.58	96	168085	20.780	ug/l	100
28) Bromochloromethane	5.01	49	65696	17.779	ug/l	97
29) Tetrahydrofuran	5.11	42	371927	96.297	ug/l	98
30) Chloroform	5.20	83	263116	20.475	ug/l	99
31) Cyclohexane	5.57	56	237644	20.294	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	223858	20.242	ug/l	99
36) 1,1-Dichloropropene	5.79	75	195412	20.869	ug/l	99
37) Ethyl Acetate	4.82	43	220982	19.099	ug/l	99
38) Carbon Tetrachloride	5.77	117	187136	20.438	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	237510	20.357	ug/l	98
40) Benzene	6.13	78	600453	20.587	ug/l	99
41) Methacrylonitrile	5.03	41	127380	19.642	ug/l	98
42) 1,2-Dichloroethane	6.18	62	213669	20.309	ug/l	99
43) Isopropyl Acetate	6.43	43	363515	20.176	ug/l	99
44) Trichloroethene	7.20	130	161884	20.163	ug/l	97
45) 1,2-Dichloropropane	7.51	63	154213	20.751	ug/l	96
46) Dibromomethane	7.65	93	102781	20.256	ug/l	97
47) Bromodichloromethane	7.89	83	199291	20.828	ug/l	95
48) Methyl methacrylate	7.76	41	184971	20.567	ug/l	98
49) 1,4-Dioxane	7.73	88	77160	374.629	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1164015	98.473	ug/l	99
52) Toluene	8.78	92	379212	20.977	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	216818	20.723	ug/l	94
54) cis-1,3-Dichloropropene	8.43	75	247014	21.105	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	158501	21.153	ug/l	99
56) Ethyl methacrylate	9.17	69	242888	19.957	ug/l	97
57) 1,3-Dichloropropane	9.37	76	261279	20.541	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	502564	98.093	ug/l	100
59) 2-Hexanone	9.48	43	906631	99.251	ug/l	98
60) Dibromochloromethane	9.57	129	161951	21.133	ug/l	96
61) 1,2-Dibromoethane	9.67	107	162655	20.443	ug/l	99
64) Tetrachloroethene	9.33	164	144353	20.895	ug/l	97
65) Chlorobenzene	10.14	112	405181	20.739	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	146911	20.479	ug/l	98
67) Ethyl Benzene	10.25	91	712840	21.140	ug/l	100
68) m/p-Xylenes	10.35	106	536286	42.054	ug/l	99
69) o-Xylene	10.70	106	265025	21.227	ug/l	99
70) Styrene	10.71	104	441531	21.156	ug/l	99
71) Bromoform	10.85	173	120388	20.143	ug/l #	97
73) Isopropylbenzene	11.01	105	706272	22.202	ug/l	100
74) N-amyl acetate	10.89	43	318812	21.612	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	245304	21.138	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	229341m	23.534	ug/l	
77) Bromobenzene	11.25	156	182469	21.517	ug/l	98
78) n-propylbenzene	11.35	91	784276	22.133	ug/l	100
79) 2-Chlorotoluene	11.42	91	465727	21.814	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	587711	22.181	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	73307	19.363	ug/l	97
82) 4-Chlorotoluene	11.51	91	533929	21.364	ug/l	99
83) tert-Butylbenzene	11.76	119	596794	22.375	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	586014	22.047	ug/l	99
85) sec-Butylbenzene	11.94	105	679480	22.166	ug/l	100
86) p-Isopropyltoluene	12.06	119	624632	22.128	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	319280	21.122	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	317933	20.643	ug/l	99
89) n-Butylbenzene	12.38	91	519179	21.079	ug/l	100
90) Hexachloroethane	12.59	117	108153	21.504	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	322052	21.314	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	52045	18.408	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	215134	20.411	ug/l	98
94) Hexachlorobutadiene	13.77	225	106859	20.723	ug/l	99
95) Naphthalene	13.83	128	662350	20.029	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	215569	20.394	ug/l	99

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

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