

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111319\
 Data File : VV013602.D
 Acq On : 13 Nov 2019 11:13
 Operator : SY/MD
 Sample : VSTD02034
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02034

Manual Integrations
 APPROVED

MMDadoda
 11/14/2019 11:14:54 AM

Quant Time: Nov 14 05:48:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 14 04:50:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	381029	5.00	ug/L	-0.03
28) Chlorobenzene-d5	8.91	117	360926	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	207633	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.35	65	529134	29.77	ug/L	0.00
7) Chloroethane-d5	1.61	69	418414	27.51	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.16	63	875544	26.09	ug/L	0.00
20) 2-Butanone-d5	4.03	46	1067427	196.00	ug/L	0.00
24) Chloroform-d	4.42	84	905086	21.82	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.10	65	423240	19.90	ug/L	0.00
32) Benzene-d6	5.10	84	1753587	23.44	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.14	67	652704m	25.77	ug/L	-0.03
41) Toluene-d8	7.39	98	2071636	30.31	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.69	79	253794	26.38	ug/L	0.00
46) 2-Hexanone-d5	8.16	63	1175357	301.20	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	466574	23.52	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	783668	22.38	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.17	85	707045	19.403 ug/L	99
3) Chloromethane	1.28	50	635898	19.330 ug/L	99
5) Vinyl chloride	1.35	62	616611	19.639 ug/L	99
6) Bromomethane	1.57	94	355771	21.091 ug/L	99
8) Chloroethane	1.63	64	344349	19.828 ug/L	98
9) Trichlorofluoromethane	1.80	101	835045	19.778 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.16	101	460157	19.335 ug/L	99
12) 1,1-Dichloroethene	2.17	96	444581	19.805 ug/L	93
13) Acetone	2.28	43	570991	172.424 ug/L	98
14) Carbon disulfide	2.34	76	1261193	18.776 ug/L	99
15) Methyl Acetate	2.51	43	194986	20.396 ug/L #	88
16) Methylene chloride	2.56	84	452429	15.920 ug/L	99
17) Methyl tert-butyl Ether	2.85	73	1073098	18.414 ug/L	99
18) trans-1,2-Dichloroethene	2.82	96	485470	17.815 ug/L	97
19) 1,1-Dichloroethane	3.25	63	855130	17.049 ug/L	97
21) 2-Butanone	4.11	43	1171107	196.447 ug/L	99
22) cis-1,2-Dichloroethene	3.99	96	531844	18.741 ug/L #	99
23) Bromochloromethane	4.32	128	235345	18.017 ug/L	98
25) Chloroform	4.45	83	893848	16.101 ug/L	98
27) 1,2-Dichloroethane	5.19	62	510262	16.646 ug/L	96
29) 1,1,1-Trichloroethane	4.67	97	785190	18.428 ug/L	98
30) Cyclohexane	4.72	56	758783	17.821 ug/L	99
31) Carbon tetrachloride	4.88	117	700576	18.283 ug/L	100
33) Benzene	5.15	78	1843008	16.734 ug/L	100
34) Trichloroethene	5.96	95	604737	20.507 ug/L	98
35) Methylcyclohexane	6.18	83	1000337	22.572 ug/L	96
37) 1,2-Dichloropropane	6.24	63	571741	21.192 ug/L #	96
38) Bromodichloromethane	6.59	83	735227	21.062 ug/L	99
39) cis-1,3-Dichloropropene	7.11	75	855564	22.963 ug/L	100
40) 4-Methyl-2-pentanone	7.32	43	3598647	235.340 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.46	91	2511594	21.956	ug/L	99
44) trans-1,3-Dichloropropene	7.72	75	666076	22.530	ug/L	97
45) 1,1,2-Trichloroethane	7.91	97	398183	21.412	ug/L	97
47) Tetrachloroethene	8.04	164	548467	21.149	ug/L	98
48) 2-Hexanone	8.21	43	2496255	227.764	ug/L	98
49) Dibromochloromethane	8.31	129	506281	21.804	ug/L	96
50) 1,2-Dibromoethane	8.42	107	374970	21.631	ug/L	95
51) Chlorobenzene	8.94	112	1584502	20.964	ug/L	100
52) Ethylbenzene	9.07	91	2780357	22.858	ug/L	100
53) m,p-xylene	9.19	106	1076630	23.612	ug/L	99
54) o-xylene	9.59	106	1024941	23.548	ug/L	96
55) Styrene	9.61	104	1805641	24.269	ug/L	100
56) Isopropylbenzene	9.98	105	2756594	23.475	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	450421	22.536	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	339500	21.168	ug/L	100
61) Bromoform	9.78	173	303593	20.609	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	1371230	20.035	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	1366680	19.905	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	1261322	20.045	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	70833	21.518	ug/L	99
67) 1,3,5-Trichlorobenzene	12.69	180	1123170	20.919	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	906626	21.427	ug/L	99
69) Naphthalene	13.55	128	1360481	24.069	ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	855437	21.386	ug/L	98

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

