

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102119\
 Data File : VV013248.D
 Acq On : 21 Oct 2019 16:59
 Operator : SY/MD
 Sample : VSTD01034
 Misc : 25.00ML/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01034

Quant Time: Oct 22 01:55:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 22 01:49:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	538461	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	569989	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	369622	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	388902	7.41	ug/L	0.00
7) Chloroethane-d5	1.58	69	329707	7.82	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.14	63	731202	8.74	ug/L	0.00
20) 2-Butanone-d5	3.98	46	668678	63.09	ug/L	0.00
24) Chloroform-d	4.39	84	959594	9.14	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	443210	8.95	ug/L	0.00
32) Benzene-d6	5.09	84	1913906	8.97	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.13	67	591636	9.28	ug/L	0.00
41) Toluene-d8	7.37	98	1877213	9.87	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	215677	9.41	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	937840	103.02	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	409440	8.95	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	692400	8.96	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	636966	9.587 ug/L	99
3) Chloromethane	1.24	50	526477	8.387 ug/L	99
5) Vinyl chloride	1.32	62	536247	9.576 ug/L	100
6) Bromomethane	1.53	94	309776	9.883 ug/L	99
8) Chloroethane	1.60	64	321700	9.936 ug/L	100
9) Trichlorofluoromethane	1.77	101	795673	9.942 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	468614	10.274 ug/L	100
12) 1,1-Dichloroethene	2.14	96	447060	10.261 ug/L	100
13) Acetone	2.24	43	460714	87.425 ug/L	# 52
14) Carbon disulfide	2.32	76	1270879	10.247 ug/L	100
15) Methyl Acetate	2.48	43	126701	10.314 ug/L	92
16) Methylene chloride	2.54	84	439510	8.258 ug/L	96
17) Methyl tert-butyl Ether	2.82	73	946823	8.454 ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	470832	8.578 ug/L	99
19) 1,1-Dichloroethane	3.23	63	756376	7.777 ug/L	99
21) 2-Butanone	4.07	43	825340	68.219 ug/L	94
22) cis-1,2-Dichloroethene	3.95	96	514988	9.094 ug/L	# 99
23) Bromochloromethane	4.29	128	258419	9.826 ug/L	93
25) Chloroform	4.42	83	1073536	9.911 ug/L	100
27) 1,2-Dichloroethane	5.18	62	610479	10.279 ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	914093	10.396 ug/L	100
30) Cyclohexane	4.70	56	993475	11.007 ug/L	99
31) Carbon tetrachloride	4.86	117	817368	10.503 ug/L	99
33) Benzene	5.14	78	2397848	10.495 ug/L	100
34) Trichloroethene	5.96	95	624118	10.491 ug/L	99
35) Methylcyclohexane	6.18	83	1045611	11.534 ug/L	99
37) 1,2-Dichloropropane	6.23	63	590678	10.533 ug/L	99
38) Bromodichloromethane	6.57	83	739176	10.367 ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	840636	11.202 ug/L	98
40) 4-Methyl-2-pentanone	7.29	43	3184387	106.436 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	2604288	11.073	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	641812	11.148	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	399521	10.317	ug/L	97
47) Tetrachloroethene	8.02	164	564402	10.768	ug/L	98
48) 2-Hexanone	8.19	43	2323745	107.575	ug/L	96
49) Dibromochloromethane	8.29	129	508933	10.961	ug/L	99
50) 1,2-Dibromoethane	8.40	107	373657	10.675	ug/L	96
51) Chlorobenzene	8.93	112	1627181	10.705	ug/L	99
52) Ethylbenzene	9.05	91	2797473	11.448	ug/L	100
53) m,p-xylene	9.18	106	1102602	11.916	ug/L	99
54) o-xylene	9.59	106	1048439	11.749	ug/L	100
55) Styrene	9.60	104	1833045	12.220	ug/L	99
56) Isopropylbenzene	9.97	105	2787260	11.841	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	454658	10.158	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	332194	10.202	ug/L	96
61) Bromoform	9.77	173	290926	9.768	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	1400097	10.635	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	1364011	10.359	ug/L	97
65) 1,2-Dichlorobenzene	11.68	146	1276215	10.256	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	66541	8.568	ug/L	89
67) 1,3,5-Trichlorobenzene	12.69	180	999619	10.352	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	894270	10.724	ug/L	100
69) Naphthalene	13.55	128	1355109	10.659	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	837257	10.116	ug/L	100

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

