

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061720\
 Data File : VV016957.D
 Acq On : 17 Jun 2020 10:44
 Operator : SY/MD
 Sample : VSTD01031
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01031

Quant Time: Jun 18 00:56:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 18 00:53:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	203808	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	189672	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	102852	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	129611	7.77	ug/L	0.00
7) Chloroethane-d5	1.58	69	89669	7.09	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	233694	7.93	ug/L	0.00
20) 2-Butanone-d5	3.91	46	335055	90.87	ug/L	0.00
24) Chloroform-d	4.38	84	269195	9.26	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	147107	9.68	ug/L	0.00
32) Benzene-d6	5.07	84	524660	9.96	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	152391	9.39	ug/L	0.00
41) Toluene-d8	7.34	98	496417	10.24	ug/L	0.00
45) trans-1,3-Dichloropropene-	7.64	79	65748	11.06	ug/L	0.00
48) 2-Hexanone-d5	8.11	63	275118	101.99	ug/L	0.00
59) 1,1,2,2-Tetrachloroethane-	10.24	84	108156	9.56	ug/L	0.00
65) 1,2-Dichlorobenzene-d4	11.65	152	190768	10.05	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	156165	9.515 ug/L	100
3) Chloromethane	1.25	50	131251	6.878 ug/L	99
5) Vinyl chloride	1.32	62	130042	7.638 ug/L	96
6) Bromomethane	1.53	94	74119	7.690 ug/L	95
8) Chloroethane	1.60	64	65827	6.527 ug/L	99
9) Trichlorofluoromethane	1.77	101	212539	8.922 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	105323	8.053 ug/L	100
12) 1,1-Dichloroethene	2.13	96	95011	7.666 ug/L	91
13) Acetone	2.19	43	153987	63.086 ug/L	98
14) Carbon disulfide	2.31	76	284899	7.617 ug/L	100
15) Methyl Acetate	2.45	43	37475	6.191 ug/L	99
16) Methylene chloride	2.52	84	92996	7.050 ug/L	99
17) Methyl tert-butyl Ether	2.79	73	243691	8.328 ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	99468	7.602 ug/L	97
19) 1,1-Dichloroethane	3.21	63	225133	8.542 ug/L	99
21) 2-Butanone	4.00	43	305067	84.316 ug/L	99
22) cis-1,2-Dichloroethene	3.94	96	136135	9.050 ug/L	# 97
23) Bromochloromethane	4.27	128	60395	10.143 ug/L	99
25) Chloroform	4.40	83	254822	9.469 ug/L	99
27) 1,2-Dichloroethane	5.16	62	154892	8.884 ug/L	98
29) 1,1,1-Trichloroethane	4.63	97	228904	10.301 ug/L	98
30) Cyclohexane	4.70	56	216510	9.307 ug/L	99
31) Carbon tetrachloride	4.85	117	206220	10.738 ug/L	100
33) Benzene	5.12	78	505833	9.268 ug/L	100
34) Trichloroethene	5.94	95	140812	9.686 ug/L	97
35) Methylcyclohexane	6.15	83	225968	9.679 ug/L	98
37) 1,2-Dichloropropane	6.20	63	123977	9.103 ug/L	98
38) Bromodichloromethane	6.53	83	166953	9.933 ug/L	95
39) cis-1,3-Dichloropropene	7.05	75	191565	10.316 ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	741357	90.276 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	557273	9.569	ug/L	96
43) 1,3,5-Trimethylbenzene	10.56	105	550293	10.579	ug/L	100
44) 1,2,4-Trimethylbenzene	10.94	105	559595	10.506	ug/L	98
46) trans-1,3-Dichloropropene	7.67	75	165715	10.796	ug/L	99
47) 1,1,2-Trichloroethane	7.86	97	87306	9.760	ug/L	97
49) Tetrachloroethene	8.00	164	114912	10.492	ug/L	99
50) 2-Hexanone	8.16	43	527413	91.982	ug/L	99
51) Dibromochloromethane	8.27	129	107798	11.106	ug/L	98
52) 1,2-Dibromoethane	8.37	107	82881	9.827	ug/L	92
53) Chlorobenzene	8.90	112	354205	9.586	ug/L	98
54) Ethylbenzene	9.03	91	634829	9.839	ug/L	99
55) m,p-xylene	9.16	106	242116	9.985	ug/L	98
56) o-xylene	9.56	106	231628	10.159	ug/L	99
57) Styrene	9.58	104	394614	10.195	ug/L	96
58) Isopropylbenzene	9.95	105	649216	10.377	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.26	83	96265	8.777	ug/L	97
62) Bromoform	9.75	173	54927	12.084	ug/L	100
63) 1,3-Dichlorobenzene	11.20	146	304137	9.739	ug/L	99
64) 1,4-Dichlorobenzene	11.30	146	305935	9.469	ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	278047	9.534	ug/L	99
67) 1,2-Dibromo-3-chloropropan	12.45	75	16524	9.037	ug/L	94
68) 1,3,5-Trichlorobenzene	12.67	180	246619	10.700	ug/L	99
69) 1,2,4-trichlorobenzene	13.28	180	206453	10.479	ug/L	99
70) Naphthalene	13.52	128	307294	6.832	ug/L	100
71) 1,2,3-Trichlorobenzene	13.77	180	170799	9.901	ug/L	99

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

