

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040120\
 Data File : VV015328.D
 Acq On : 01 Apr 2020 11:09
 Operator : SY/MD
 Sample : VSTD01061
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01061

Quant Time: Apr 02 01:46:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 02 01:39:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	550637	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	519574	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	237065	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56468	11.44	ug/L	0.00
7) Chloroethane-d5	1.58	69	47367	11.23	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	98632	11.18	ug/L	0.00
21) 2-Butanone-d5	3.94	46	52395	19.87	ug/L	0.02
24) Chloroform-d	4.38	84	91522	11.23	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	58675	11.56	ug/L	0.00
32) Benzene-d6	5.08	84	185110	11.57	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	54472	11.55	ug/L	0.00
41) Toluene-d8	7.34	98	175770	11.49	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.65	79	28603	10.97	ug/L	0.00
47) 2-Hexanone-d5	8.12	63	49071	22.78	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	77852	11.60	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	62016	11.50	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	52505	10.544 ug/L	98
3) Chloromethane	1.25	50	50645	10.792 ug/L	97
5) Vinyl chloride	1.32	62	53483	10.880 ug/L	100
6) Bromomethane	1.53	94	33937	10.444 ug/L	98
8) Chloroethane	1.60	64	38956	11.536 ug/L	94
9) Trichlorofluoromethane	1.77	101	92654	9.970 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	45601	10.980 ug/L	98
12) 1,1-Dichloroethene	2.13	96	41705	10.489 ug/L	98
13) Acetone	2.21	43	37479	21.758 ug/L	94
14) Carbon disulfide	2.31	76	115404	10.588 ug/L	99
15) Methyl Acetate	2.46	43	38791	10.216 ug/L	98
16) Methylene chloride	2.53	84	44674	10.719 ug/L	95
17) trans-1,2-Dichloroethene	2.78	96	39410	10.475 ug/L	97
18) Methyl tert-butyl Ether	2.79	73	135053	10.889 ug/L	98
19) 1,1-Dichloroethane	3.22	63	73746	10.774 ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	45892	10.652 ug/L	# 97
22) 2-Butanone	4.03	43	47974	18.309 ug/L	86
23) Bromochloromethane	4.28	128	22862	10.515 ug/L	96
25) Chloroform	4.41	83	80224	10.808 ug/L	99
27) 1,2-Dichloroethane	5.16	62	60973	10.906 ug/L	98
29) Cyclohexane	4.70	56	66607	10.775 ug/L	98
30) 1,1,1-Trichloroethane	4.64	97	72561	10.868 ug/L	98
31) Carbon tetrachloride	4.86	117	61746	10.817 ug/L	99
33) Benzene	5.13	78	169181	11.001 ug/L	100
34) Trichloroethene	5.94	95	43398	10.658 ug/L	91
35) Methylcyclohexane	6.15	83	73838	11.068 ug/L	99
37) 1,2-Dichloropropane	6.20	63	39142	10.371 ug/L	99
38) Bromodichloromethane	6.53	83	59028	10.668 ug/L	95
39) cis-1,3-Dichloropropene	7.05	75	66925	10.551 ug/L	96
40) 4-Methyl-2-pentanone	7.25	43	116124	21.885 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	182474	10.677	ug/L	99
44) trans-1,3-Dichloropropene	7.68	75	64720	10.501	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	41396	10.401	ug/L	92
46) Tetrachloroethene	8.00	164	29663	10.161	ug/L	98
48) 2-Hexanone	8.17	43	83717	20.836	ug/L	97
49) Dibromochloromethane	8.27	129	44644	10.242	ug/L	98
50) 1,2-Dibromoethane	8.38	107	44951	10.580	ug/L	90
51) Chlorobenzene	8.90	112	117990	10.533	ug/L	96
52) Ethylbenzene	9.04	91	205940	10.735	ug/L	100
53) m,p-Xylene	9.16	106	77183	10.449	ug/L	97
54) o-xylene	9.57	106	77479	10.471	ug/L	89
55) Styrene	9.59	104	126747	10.301	ug/L	96
56) Isopropylbenzene	9.95	105	204270	10.658	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	69223	10.833	ug/L	98
59) 1,2,3-Trichloropropane	10.30	75	54931	10.778	ug/L	99
61) Bromoform	9.75	173	26496	10.006	ug/L	98
62) 1,3-Dichlorobenzene	11.21	146	84888	10.636	ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	85233	10.530	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	89522	10.998	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	17633	10.970	ug/L #	81
67) 1,3,5-Trichlorobenzene	12.67	180	54464	10.297	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	46863	9.700	ug/L	97
69) Naphthalene	13.53	128	189129	10.240	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	50734	10.194	ug/L	97

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

