

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051820\
 Data File : VV016092.D
 Acq On : 18 May 2020 11:15
 Operator : SY/MD
 Sample : VSTD05063
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05063

Quant Time: May 19 03:14:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM051820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 19 03:10:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	317312	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	312764	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	156420	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	108004	39.19	ug/L	0.00
7) Chloroethane-d5	1.58	69	96383	40.61	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	196183	39.52	ug/L	0.00
21) 2-Butanone-d5	3.94	46	135279	89.89	ug/L	0.00
24) Chloroform-d	4.38	84	207530	44.82	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	144878	48.84	ug/L	0.00
32) Benzene-d6	5.08	84	408031	42.50	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	127774	44.90	ug/L	0.00
41) Toluene-d8	7.34	98	391259	42.84	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	64962	41.54	ug/L	0.00
47) 2-Hexanone-d5	8.12	63	89391	71.79	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	162977	41.12	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	146769	41.79	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	84893	30.770	ug/L 99
3) Chloromethane	1.25	50	98993	37.414	ug/L 98
5) Vinyl chloride	1.32	62	94983	34.605	ug/L 95
6) Bromomethane	1.53	94	59779	33.492	ug/L 99
8) Chloroethane	1.60	64	61880	32.602	ug/L 99
9) Trichlorofluoromethane	1.77	101	126550	25.579	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	76211	33.064	ug/L 99
12) 1,1-Dichloroethene	2.14	96	72011	33.299	ug/L 94
13) Acetone	2.22	43	82225	79.996	ug/L 100
14) Carbon disulfide	2.31	76	233846	38.556	ug/L 100
15) Methyl Acetate	2.46	43	87878	40.902	ug/L 100
16) Methylene chloride	2.53	84	93815	39.692	ug/L 98
17) trans-1,2-Dichloroethene	2.78	96	82255	38.695	ug/L 98
18) Methyl tert-butyl Ether	2.79	73	273046	38.682	ug/L 99
19) 1,1-Dichloroethane	3.22	63	165151	41.794	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	90337	37.175	ug/L 100
22) 2-Butanone	4.02	43	113279	77.814	ug/L 100
23) Bromochloromethane	4.28	128	47363	38.616	ug/L 96
25) Chloroform	4.41	83	172211	40.090	ug/L 99
27) 1,2-Dichloroethane	5.16	62	141687	43.422	ug/L 99
29) Cyclohexane	4.71	56	143725	38.753	ug/L 97
30) 1,1,1-Trichloroethane	4.64	97	151454	38.133	ug/L 99
31) Carbon tetrachloride	4.86	117	128326	37.896	ug/L 100
33) Benzene	5.13	78	358643	39.221	ug/L 100
34) Trichloroethene	5.94	95	89947	37.317	ug/L 100
35) Methylcyclohexane	6.16	83	145174	36.924	ug/L 98
37) 1,2-Dichloropropane	6.20	63	95008	41.643	ug/L 100
38) Bromodichloromethane	6.53	83	124281	37.902	ug/L 100
39) cis-1,3-Dichloropropene	7.05	75	142485	37.745	ug/L 98
40) 4-Methyl-2-pentanone	7.26	43	238880	75.503	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	387397	38.308	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	145219	39.257	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	86470	36.894	ug/L	98
46) Tetrachloroethene	8.00	164	68854	39.515	ug/L	99
48) 2-Hexanone	8.17	43	177665	74.425	ug/L	99
49) Dibromochloromethane	8.27	129	92954	36.210	ug/L	98
50) 1,2-Dibromoethane	8.37	107	90287	36.376	ug/L	99
51) Chlorobenzene	8.90	112	246567	37.312	ug/L	99
52) Ethylbenzene	9.04	91	434444	38.277	ug/L	99
53) m,p-Xylene	9.16	106	162204	37.348	ug/L	98
54) o-xylene	9.57	106	158002	36.431	ug/L	99
55) Styrene	9.58	104	278610	38.251	ug/L	98
56) Isopropylbenzene	9.95	105	419762	37.122	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	134913	35.918	ug/L	98
59) 1,2,3-Trichloropropane	10.30	75	111120	36.958	ug/L	100
61) Bromoform	9.75	173	58227	34.378	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	189710	36.852	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	193503	36.896	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	192268	36.739	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	29367	29.356	ug/L	94
67) 1,3,5-Trichlorobenzene	12.67	180	127787	37.167	ug/L	100
68) 1,2,4-trichlorobenzene	13.29	180	114111	36.348	ug/L	99
69) Naphthalene	13.53	128	345456	29.875	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	118038	36.471	ug/L	99

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

