

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV021720\
 Data File : VV014588.D
 Acq On : 17 Feb 2020 11:39
 Operator : SY/MD
 Sample : VSTD01062
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010203

Quant Time: Feb 18 05:48:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM021720W.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 18 05:45:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	310798	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	294054	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	149415	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	9748	6.33	ug/L	0.00
7) Chloroethane-d5	1.59	69	7760	7.19	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	19303	8.00	ug/L	0.00
21) 2-Butanone-d5	3.94	46	18743	15.26	ug/L	0.01
24) Chloroform-d	4.40	84	33082	8.88	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	20500	8.96	ug/L	0.00
32) Benzene-d6	5.10	84	65304	8.39	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	19544	8.23	ug/L	0.00
41) Toluene-d8	7.36	98	62410	8.67	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	11178	8.70	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	14408	14.39	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.25	84	27856	8.89	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.67	152	25123	9.00	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	22117	9.202	ug/L 97
3) Chloromethane	1.26	50	17637	7.532	ug/L 100
5) Vinyl chloride	1.33	62	13566	7.526	ug/L 99
6) Bromomethane	1.54	94	7607	8.920	ug/L 88
8) Chloroethane	1.60	64	7099	7.903	ug/L 98
9) Trichlorofluoromethane	1.77	101	25613	10.010	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	10967	9.153	ug/L 96
12) 1,1-Dichloroethene	2.14	96	10140	8.853	ug/L 96
13) Acetone	2.19	43	20376	19.402	ug/L 92
14) Carbon disulfide	2.32	76	44293	8.050	ug/L 100
15) Methyl Acetate	2.46	43	16002	8.078	ug/L 99
16) Methylene chloride	2.54	84	20236	9.164	ug/L 90
17) trans-1,2-Dichloroethene	2.79	96	18799	9.205	ug/L 97
18) Methyl tert-butyl Ether	2.80	73	61725	9.471	ug/L 99
19) 1,1-Dichloroethane	3.23	63	32506	8.901	ug/L 93
20) cis-1,2-Dichloroethene	3.96	96	21509	9.323	ug/L 95
22) 2-Butanone	4.02	43	24592	15.983	ug/L 95
23) Bromochloromethane	4.30	128	10159	9.204	ug/L 97
25) Chloroform	4.42	83	37795	10.020	ug/L 98
27) 1,2-Dichloroethane	5.18	62	28193	10.042	ug/L 98
29) Cyclohexane	4.73	56	28851	8.418	ug/L 97
30) 1,1,1-Trichloroethane	4.66	97	32034	9.659	ug/L 97
31) Carbon tetrachloride	4.87	117	29113	9.899	ug/L 98
33) Benzene	5.14	78	75990	9.082	ug/L 100
34) Trichloroethene	5.96	95	20409	9.131	ug/L 97
35) Methylcyclohexane	6.17	83	33706	9.323	ug/L 99
37) 1,2-Dichloropropane	6.22	63	18490	8.723	ug/L 99
38) Bromodichloromethane	6.55	83	28846	9.922	ug/L 97
39) cis-1,3-Dichloropropene	7.07	75	31993	8.917	ug/L 100
40) 4-Methyl-2-pentanone	7.27	43	45409	16.720	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	85566	9.468	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	30118	9.359	ug/L	93
45) 1,1,2-Trichloroethane	7.88	97	20152	9.715	ug/L	97
46) Tetrachloroethene	8.01	164	17120	10.027	ug/L	99
48) 2-Hexanone	8.18	43	34235	16.463	ug/L	99
49) Dibromochloromethane	8.29	129	23587	9.945	ug/L	99
50) 1,2-Dibromoethane	8.39	107	22068	9.836	ug/L	98
51) Chlorobenzene	8.92	112	57850	9.746	ug/L	99
52) Ethylbenzene	9.05	91	99050	9.756	ug/L	99
53) m,p-Xylene	9.18	106	38377	9.802	ug/L	97
54) o-Xylene	9.58	106	36717	9.785	ug/L	100
55) Styrene	9.60	104	60952	9.520	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.28	83	32539	10.031	ug/L	99
59) Bromoform	9.77	173	16426	9.903	ug/L #	98
60) Isopropylbenzene	9.97	105	97605	9.813	ug/L	99
61) 1,2,3-Trichloropropane	10.31	75	24872	9.553	ug/L	97
62) 1,3,5-Trimethylbenzene	10.58	105	80833	9.512	ug/L	100
63) 1,2,4-Trimethylbenzene	10.95	105	79586	9.511	ug/L	99
64) 1,3-Dichlorobenzene	11.22	146	46379	9.874	ug/L	98
65) 1,4-Dichlorobenzene	11.31	146	47769	9.896	ug/L	98
67) 1,2-Dichlorobenzene	11.68	146	46462	10.157	ug/L	100
68) 1,2-Dibromo-3-chloropropan	12.47	75	7365	10.022	ug/L	97
69) 1,3,5-Trichlorobenzene	12.69	180	33569	10.106	ug/L	99
70) 1,2,4-trichlorobenzene	13.31	180	29647	9.751	ug/L	98
71) Naphthalene	13.55	128	87938	8.832	ug/L	100
72) 1,2,3-Trichlorobenzene	13.79	180	29131	9.833	ug/L	97

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

