

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122820\
 Data File : VV019844.D
 Acq On : 28 Dec 2020 11:31
 Operator : SY/MD
 Sample : VSTD01062
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01062

Quant Time: Dec 28 12:20:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 28 12:18:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	588069	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	562411	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.26	152	274512	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	45888	10.80	ug/L	0.00
7) Chloroethane-d5	1.57	69	37640	11.23	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.11	63	87291	11.07	ug/L	0.00
21) 2-Butanone-d5	3.90	46	66741	26.51	ug/L	0.01
24) Chloroform-d	4.35	84	88621	11.45	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.04	65	56715	11.18	ug/L	0.00
32) Benzene-d6	5.05	84	163134	10.77	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.07	67	54006	11.32	ug/L	0.00
41) Toluene-d8	7.32	98	145234	10.68	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.63	79	24797	9.33	ug/L	0.00
47) 2-Hexanone-d5	8.10	63	37872	19.31	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.22	84	66871	10.29	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.63	152	54186	10.56	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.13	85	47390	10.278	ug/L 99
3) Chloromethane	1.24	50	56955	11.181	ug/L 97
5) Vinyl chloride	1.31	62	55817	11.019	ug/L 98
6) Bromomethane	1.52	94	34880	11.515	ug/L 98
8) Chloroethane	1.59	64	35665	11.599	ug/L 98
9) Trichlorofluoromethane	1.75	101	68935	11.238	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	39054	11.508	ug/L 98
12) 1,1-Dichloroethene	2.12	96	37706	10.773	ug/L 90
13) Acetone	2.19	43	55561	26.569	ug/L 95
14) Carbon disulfide	2.30	76	120532	10.556	ug/L 99
15) Methyl Acetate	2.44	43	54986	12.383	ug/L 99
16) Methylene chloride	2.51	84	48448	11.575	ug/L 98
17) trans-1,2-Dichloroethene	2.76	96	41760	10.830	ug/L 93
18) Methyl tert-butyl Ether	2.77	73	139413	10.383	ug/L 98
19) 1,1-Dichloroethane	3.19	63	86122	11.401	ug/L 96
20) cis-1,2-Dichloroethene	3.92	96	45464	10.742	ug/L 98
22) 2-Butanone	3.99	43	70800	23.495	ug/L 98
23) Bromochloromethane	4.25	128	23046	11.044	ug/L 94
25) Chloroform	4.38	83	84955	11.272	ug/L 95
27) 1,2-Dichloroethane	5.14	62	70429	11.264	ug/L 100
29) Cyclohexane	4.68	56	72265	10.609	ug/L 99
30) 1,1,1-Trichloroethane	4.61	97	72238	10.329	ug/L 99
31) Carbon tetrachloride	4.83	117	58777	10.025	ug/L 99
33) Benzene	5.10	78	180140	10.878	ug/L 100
34) Trichloroethene	5.92	95	48114	11.070	ug/L 99
35) Methylcyclohexane	6.14	83	69684	10.643	ug/L 99
37) 1,2-Dichloropropane	6.18	63	49245	11.329	ug/L 99
38) Bromodichloromethane	6.51	83	61724	10.287	ug/L 97
39) cis-1,3-Dichloropropene	7.04	75	67674	9.484	ug/L 98
40) 4-Methyl-2-pentanone	7.23	43	140542	21.975	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.39	91	180126	10.387	ug/L	100
44) trans-1,3-Dichloropropene	7.66	75	66169	9.236	ug/L	100
45) 1,1,2-Trichloroethane	7.84	97	45182	11.015	ug/L	95
46) Tetrachloroethene	7.98	164	31939	10.743	ug/L	95
48) 2-Hexanone	8.14	43	110482	22.548	ug/L	99
49) Dibromochloromethane	8.25	129	44356	10.035	ug/L	96
50) 1,2-Dibromoethane	8.36	107	45638	10.607	ug/L	99
51) Chlorobenzene	8.89	112	115360	10.449	ug/L	98
52) Ethylbenzene	9.02	91	199148	10.141	ug/L	100
53) m,p-Xylene	9.14	106	71807	9.836	ug/L	99
54) o-xylene	9.55	106	70367	9.839	ug/L	98
55) Styrene	9.57	104	120354	9.624	ug/L	98
56) Isopropylbenzene	9.94	105	188088	9.879	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.25	83	66890	10.088	ug/L	99
59) 1,2,3-Trichloropropane	10.28	75	60729	11.139	ug/L	99
61) Bromoform	9.74	173	26824	9.037	ug/L	99
62) 1,3-Dichlorobenzene	11.19	146	83943	10.113	ug/L	98
63) 1,4-Dichlorobenzene	11.28	146	86541	10.285	ug/L	100
65) 1,2-Dichlorobenzene	11.65	146	87613	10.642	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.44	75	14738	8.548	ug/L	96
67) 1,3,5-Trichlorobenzene	12.66	180	59527	10.104	ug/L	99
68) 1,2,4-trichlorobenzene	13.27	180	51254	9.377	ug/L	99
69) Naphthalene	13.51	128	144885	7.683	ug/L	99
70) 1,2,3-Trichlorobenzene	13.76	180	50813	9.511	ug/L	98

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

