

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100920\
 Data File : VV018773.D
 Acq On : 08 Oct 2020 19:53
 Operator : SY/MD
 Sample : VSTD00566
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00566

Quant Time: Oct 08 23:37:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 08 23:30:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	302013	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	292034	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	149885	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	13779	7.10	ug/L	0.00
7) Chloroethane-d5	1.58	69	12036	7.55	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	28691	7.39	ug/L	0.00
21) 2-Butanone-d5	3.94	46	11817	8.62	ug/L	0.03
24) Chloroform-d	4.38	84	24431	6.18	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	16873	6.60	ug/L	0.00
32) Benzene-d6	5.08	84	46870	6.08	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	14885	6.15	ug/L	0.00
41) Toluene-d8	7.34	98	40666	5.66	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.65	79	7009	5.59	ug/L	0.00
47) 2-Hexanone-d5	8.12	63	7555	8.59	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	15174	4.96	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	17264	5.85	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	11926	5.984	ug/L 97
3) Chloromethane	1.25	50	15295	6.930	ug/L 96
5) Vinyl chloride	1.32	62	15957	6.851	ug/L 98
6) Bromomethane	1.53	94	9673	6.284	ug/L 100
8) Chloroethane	1.60	64	10784	7.432	ug/L 99
9) Trichlorofluoromethane	1.77	101	23160	6.606	ug/L 96
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	13408	6.815	ug/L 97
12) 1,1-Dichloroethene	2.13	96	12848	6.798	ug/L 96
13) Acetone	2.19	43	17641	15.232	ug/L 95
14) Carbon disulfide	2.31	76	36729	6.134	ug/L 99
15) Methyl Acetate	2.45	43	14272	6.352	ug/L 98
16) Methylene chloride	2.52	84	16149	7.140	ug/L 95
17) trans-1,2-Dichloroethene	2.78	96	13202	6.322	ug/L 98
18) Methyl tert-butyl Ether	2.78	73	41092	6.327	ug/L 99
19) 1,1-Dichloroethane	3.21	63	24390	6.470	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	12628	5.659	ug/L 96
22) 2-Butanone	4.01	43	14038	9.889	ug/L 83
23) Bromochloromethane	4.28	128	6986	5.750	ug/L 94
25) Chloroform	4.40	83	25347	6.407	ug/L 99
27) 1,2-Dichloroethane	5.16	62	20532	6.589	ug/L 97
29) Cyclohexane	4.70	56	18228	5.503	ug/L 100
30) 1,1,1-Trichloroethane	4.64	97	22188	6.158	ug/L 98
31) Carbon tetrachloride	4.85	117	17959	5.599	ug/L 98
33) Benzene	5.13	78	51023	5.965	ug/L 100
34) Trichloroethene	5.94	95	15837	6.298	ug/L 97
35) Methylcyclohexane	6.15	83	17410	5.216	ug/L 95
37) 1,2-Dichloropropane	6.20	63	14080	6.245	ug/L 100
38) Bromodichloromethane	6.53	83	17767	6.023	ug/L 98
39) cis-1,3-Dichloropropene	7.05	75	16782	4.906	ug/L 99
40) 4-Methyl-2-pentanone	7.25	43	31468	11.013	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	50781	5.521	ug/L	98
44) trans-1,3-Dichloropropene	7.68	75	18113	5.354	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	13465	6.238	ug/L	93
46) Tetrachloroethene	8.00	164	12069	6.132	ug/L	97
48) 2-Hexanone	8.16	43	26339	11.801	ug/L	93
49) Dibromochloromethane	8.27	129	13294	5.439	ug/L	99
50) 1,2-Dibromoethane	8.38	107	12506	5.494	ug/L #	98
51) Chlorobenzene	8.90	112	34991	5.669	ug/L	99
52) Ethylbenzene	9.03	91	55874	5.432	ug/L	97
53) m,p-Xylene	9.16	106	19891	5.038	ug/L	99
54) o-xylene	9.56	106	18752	5.029	ug/L	96
55) Styrene	9.58	104	31052	4.759	ug/L	98
56) Isopropylbenzene	9.95	105	50049	4.902	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	14423	4.736	ug/L	93
59) 1,2,3-Trichloropropane	10.30	75	15731	5.850	ug/L	98
61) Bromoform	9.75	173	8177	4.808	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	26824	5.596	ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	29205	5.912	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	27135	5.697	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.45	75	3074	4.797	ug/L	88
67) 1,3,5-Trichlorobenzene	12.67	180	17260	5.256	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	15621	5.134	ug/L	99
69) Naphthalene	13.53	128	33932	3.902	ug/L	98
70) 1,2,3-Trichlorobenzene	13.77	180	14684	4.791	ug/L	99

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

