

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112520\
 Data File : VY003625.D
 Acq On : 25 Nov 2020 15:40
 Operator : SY/MD
 Sample : VSTD00535
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD005404

Quant Time: Nov 26 04:44:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL112520SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 26 04:40:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	237874	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	218486	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	112214	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	18108	5.31	ug/L	0.00
7) Chloroethane-d5	2.77	69	14614	5.54	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.86	63	35682	5.42	ug/L	0.00
21) 2-Butanone-d5	6.90	46	13105	10.23	ug/L	0.00
24) Chloroform-d	7.49	84	32375	5.20	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.14	65	18526	5.30	ug/L	0.00
32) Benzene-d6	8.12	84	67627	5.30	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.12	67	19888	5.22	ug/L	0.00
41) Toluene-d8	10.18	98	61201	5.34	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.43	79	9820	5.31	ug/L	0.00
47) 2-Hexanone-d5	10.79	63	9190	9.67	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	12.56	84	20081	5.27	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.72	152	20663	5.09	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.91	85	14370	5.056 ug/L	96
3) Chloromethane	2.11	50	16566	5.109 ug/L	100
5) Vinyl chloride	2.25	62	18237	5.264 ug/L	96
6) Bromomethane	2.66	94	11890	5.177 ug/L	95
8) Chloroethane	2.80	64	10661	5.150 ug/L	99
9) Trichlorofluoromethane	3.14	101	27074	5.170 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	3.91	101	17317	5.277 ug/L	99
12) 1,1-Dichloroethene	3.89	96	15567	5.038 ug/L	94
13) Acetone	3.97	43	10674	10.223 ug/L	99
14) Carbon disulfide	4.20	76	53258	5.059 ug/L	100
15) Methyl Acetate	4.48	43	12094	5.399 ug/L #	76
16) Methylene chloride	4.72	84	27095	5.715 ug/L	98
17) trans-1,2-Dichloroethene	5.23	96	17137	5.114 ug/L	90
18) Methyl tert-butyl Ether	5.23	73	40734	4.933 ug/L	97
19) 1,1-Dichloroethane	6.03	63	30098	5.160 ug/L	98
20) cis-1,2-Dichloroethene	7.00	96	17925	5.003 ug/L	95
22) 2-Butanone	7.00	43	17056	10.807 ug/L	94
23) Bromochloromethane	7.34	128	8778	5.004 ug/L	96
25) Chloroform	7.51	83	30242	5.159 ug/L	96
27) 1,2-Dichloroethane	8.24	62	19722	5.066 ug/L	98
29) Cyclohexane	7.79	56	25891	4.917 ug/L	98
30) 1,1,1-Trichloroethane	7.70	97	26970	5.207 ug/L	99
31) Carbon tetrachloride	7.91	117	24053	5.124 ug/L	98
33) Benzene	8.17	78	70638	5.263 ug/L	100
34) Trichloroethene	8.94	95	17227	5.160 ug/L	96
35) Methylcyclohexane	9.19	83	28843	4.999 ug/L	99
37) 1,2-Dichloropropane	9.22	63	17391	5.154 ug/L	100
38) Bromodichloromethane	9.50	83	22085	5.132 ug/L	93
39) cis-1,3-Dichloropropene	9.93	75	26452	5.008 ug/L	97
40) 4-Methyl-2-pentanone	10.07	43	30547	10.248 ug/L	98

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42) Toluene	10.24	91	72841	5.134	ug/L	98
44) trans-1,3-Dichloropropene	10.47	75	24622	5.080	ug/L	94
45) 1,1,2-Trichloroethane	10.64	97	14847	5.288	ug/L	95
46) Tetrachloroethene	10.72	164	15121	5.205	ug/L	91
48) 2-Hexanone	10.83	43	21811	10.257	ug/L	97
49) Dibromochloromethane	10.98	129	16698	5.064	ug/L	90
50) 1,2-Dibromoethane	11.09	107	13958	5.169	ug/L	98
51) Chlorobenzene	11.51	112	46771	5.190	ug/L	99
52) Ethylbenzene	11.59	91	77644	5.095	ug/L	97
53) m,p-Xylene	11.70	106	29377	5.030	ug/L	96
54) o-Xylene	12.03	106	27689	4.982	ug/L	97
55) Styrene	12.04	104	47900	5.027	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.58	83	19077	5.145	ug/L	99
59) Bromoform	12.21	173	11578	5.179	ug/L	98
60) Isopropylbenzene	12.32	105	72374	4.907	ug/L	99
61) 1,2,3-Trichloropropane	12.63	75	13921	5.189	ug/L	97
62) 1,3,5-Trimethylbenzene	12.81	105	56139	4.838	ug/L	99
63) 1,2,4-Trimethylbenzene	13.12	105	54511	4.781	ug/L	98
64) 1,3-Dichlorobenzene	13.36	146	36016	5.143	ug/L	96
65) 1,4-Dichlorobenzene	13.44	146	36406	5.077	ug/L	100
67) 1,2-Dichlorobenzene	13.73	146	33491	5.156	ug/L	96
68) 1,2-Dibromo-3-chloropropan	14.35	75	3225	5.291	ug/L	94
69) 1,3,5-Trichlorobenzene	14.50	180	24372	5.032	ug/L	97
70) 1,2,4-trichlorobenzene	15.00	180	20972	5.028	ug/L	99
71) Naphthalene	15.23	128	41652	4.796	ug/L	97
72) 1,2,3-Trichlorobenzene	15.42	180	19659	5.139	ug/L	99

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

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