

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY112520\
 Data File : VY003621.D
 Acq On : 25 Nov 2020 13:33
 Operator : SY/MD
 Sample : VSTD05031
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD050406

Quant Time: Nov 26 04:42:49 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	236850	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	222265	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	113221	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	152952	45.01	ug/L	0.00
7) Chloroethane-d5	2.77	69	117104	44.60	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.86	63	302112	46.08	ug/L	0.00
21) 2-Butanone-d5	6.90	46	121249	95.04	ug/L	0.00
24) Chloroform-d	7.48	84	289127	46.61	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.15	65	158366	45.54	ug/L	0.00
32) Benzene-d6	8.12	84	596310	45.95	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.12	67	180594	46.56	ug/L	0.00
41) Toluene-d8	10.18	98	544237	46.71	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.43	79	87525	46.54	ug/L	0.00
47) 2-Hexanone-d5	10.79	63	99512	102.89	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	12.56	84	181546	46.82	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.72	152	191228	46.71	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.91	85	137081	48.440	ug/L 98
3) Chloromethane	2.11	50	152863	47.349	ug/L 99
5) Vinyl chloride	2.26	62	165717	48.042	ug/L 99
6) Bromomethane	2.66	94	107740	47.115	ug/L 99
8) Chloroethane	2.80	64	100092	48.565	ug/L 100
9) Trichlorofluoromethane	3.14	101	246594	47.296	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	3.91	101	157259	48.127	ug/L 99
12) 1,1-Dichloroethene	3.88	96	151906	49.371	ug/L # 83
13) Acetone	3.97	43	94372	90.775	ug/L 98
14) Carbon disulfide	4.20	76	508329	48.500	ug/L 99
15) Methyl Acetate	4.48	43	105259	47.193	ug/L 99
16) Methylene chloride	4.73	84	174745	37.018	ug/L 96
17) trans-1,2-Dichloroethene	5.23	96	164035	49.164	ug/L 98
18) Methyl tert-butyl Ether	5.23	73	417781	50.809	ug/L 99
19) 1,1-Dichloroethane	6.03	63	281428	48.458	ug/L 98
20) cis-1,2-Dichloroethene	7.00	96	175981	49.334	ug/L 99
22) 2-Butanone	7.00	43	150489	95.763	ug/L 99
23) Bromochloromethane	7.34	128	84481	48.368	ug/L 99
25) Chloroform	7.51	83	280897	48.126	ug/L 99
27) 1,2-Dichloroethane	8.24	62	188506	48.629	ug/L 98
29) Cyclohexane	7.79	56	270899	50.577	ug/L 99
30) 1,1,1-Trichloroethane	7.71	97	252163	47.859	ug/L 98
31) Carbon tetrachloride	7.90	117	229929	48.150	ug/L 98
33) Benzene	8.17	78	662549	48.524	ug/L 100
34) Trichloroethene	8.94	95	163496	48.140	ug/L 96
35) Methylcyclohexane	9.19	83	291491	49.660	ug/L 99
37) 1,2-Dichloropropane	9.22	63	167020	48.652	ug/L 99
38) Bromodichloromethane	9.50	83	216439	49.441	ug/L 98
39) cis-1,3-Dichloropropene	9.93	75	270398	50.320	ug/L 96
40) 4-Methyl-2-pentanone	10.07	43	304132	100.295	ug/L 100

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42) Toluene	10.25	91	714184	49.480	ug/L	98
44) trans-1,3-Dichloropropene	10.47	75	246300	49.948	ug/L	97
45) 1,1,2-Trichloroethane	10.64	97	139121	48.710	ug/L	97
46) Tetrachloroethene	10.72	164	140939	47.686	ug/L	97
48) 2-Hexanone	10.83	43	223490	103.309	ug/L	99
49) Dibromochloromethane	10.98	129	165180	49.245	ug/L	100
50) 1,2-Dibromoethane	11.09	107	135303	49.257	ug/L #	100
51) Chlorobenzene	11.51	112	448357	48.909	ug/L	100
52) Ethylbenzene	11.59	91	774150	49.933	ug/L	99
53) m,p-Xylene	11.70	106	299267	50.373	ug/L	98
54) o-Xylene	12.03	106	286135	50.604	ug/L	99
55) Styrene	12.04	104	494613	51.026	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.58	83	183650	48.685	ug/L	98
59) Bromoform	12.20	173	111472	49.418	ug/L	99
60) Isopropylbenzene	12.32	105	758490	50.967	ug/L	100
61) 1,2,3-Trichloropropane	12.63	75	130200	48.097	ug/L	99
62) 1,3,5-Trimethylbenzene	12.81	105	606614	51.814	ug/L	99
63) 1,2,4-Trimethylbenzene	13.12	105	597104	51.909	ug/L	100
64) 1,3-Dichlorobenzene	13.36	146	349709	49.496	ug/L	98
65) 1,4-Dichlorobenzene	13.44	146	348385	48.150	ug/L	99
67) 1,2-Dichlorobenzene	13.73	146	320121	48.848	ug/L	99
68) 1,2-Dibromo-3-chloropropan	14.35	75	30240	49.169	ug/L	96
69) 1,3,5-Trichlorobenzene	14.50	180	238903	48.886	ug/L	99
70) 1,2,4-trichlorobenzene	15.00	180	208235	49.476	ug/L	100
71) Naphthalene	15.23	128	461440	52.659	ug/L	100
72) 1,2,3-Trichlorobenzene	15.42	180	191529	49.626	ug/L	99

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

