

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122920\
 Data File : VY003849.D
 Acq On : 29 Dec 2020 12:09
 Operator : SY/MD
 Sample : VSTD10035
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD10035

Quant Time: Dec 29 13:00:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLEM122920SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 29 12:43:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	403584	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.48	117	386791	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	218639	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.24	65	567348	120.05	ug/L	0.00
7) Chloroethane-d5	2.75	69	477354	127.01	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.86	63	1070874	113.60	ug/L	0.00
21) 2-Butanone-d5	6.89	46	519528	245.14	ug/L	0.00
24) Chloroform-d	7.48	84	1042656	111.06	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.14	65	656026	122.08	ug/L	0.00
32) Benzene-d6	8.11	84	2015880	102.17	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.12	67	610380	102.70	ug/L	0.00
41) Toluene-d8	10.18	98	1932502	107.64	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.43	79	341089	115.53	ug/L	0.00
47) 2-Hexanone-d5	10.78	63	397287	237.08	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	12.56	84	611007	110.79	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.72	152	772008	105.85	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.91	85	534501	117.349 ug/L	99
3) Chloromethane	2.11	50	601141	114.148 ug/L	98
5) Vinyl chloride	2.25	62	681465	125.351 ug/L	98
6) Bromomethane	2.64	94	465998	134.902 ug/L	100
8) Chloroethane	2.79	64	430794	127.061 ug/L	100
9) Trichlorofluoromethane	3.13	101	940579	115.059 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	3.90	101	517867	101.602 ug/L	99
12) 1,1-Dichloroethene	3.88	96	497607	102.521 ug/L	96
13) Acetone	3.95	43	359180	242.275 ug/L	99
14) Carbon disulfide	4.20	76	1659577	104.380 ug/L	100
15) Methyl Acetate	4.48	43	417021	113.310 ug/L	98
16) Methylene chloride	4.72	84	539914	76.346 ug/L	98
17) trans-1,2-Dichloroethene	5.22	96	543006	100.433 ug/L	99
18) Methyl tert-butyl Ether	5.22	73	1612837	114.564 ug/L	99
19) 1,1-Dichloroethane	6.02	63	961234	105.326 ug/L	99
20) cis-1,2-Dichloroethene	6.99	96	585568	101.191 ug/L	99
22) 2-Butanone	6.99	43	568008	223.433 ug/L	100
23) Bromochloromethane	7.34	128	290175	100.892 ug/L	99
25) Chloroform	7.51	83	993061	106.418 ug/L	98
27) 1,2-Dichloroethane	8.24	62	770802	118.006 ug/L	100
29) Cyclohexane	7.78	56	958713	112.052 ug/L	100
30) 1,1,1-Trichloroethane	7.70	97	933023	109.516 ug/L	99
31) Carbon tetrachloride	7.90	117	859084	111.263 ug/L	99
33) Benzene	8.16	78	2190929	98.998 ug/L	100
34) Trichloroethene	8.94	95	598702	100.244 ug/L	98
35) Methylcyclohexane	9.18	83	1017972	106.992 ug/L	99
37) 1,2-Dichloropropane	9.22	63	560111	101.328 ug/L	100
38) Bromodichloromethane	9.50	83	771663	106.430 ug/L	96
39) cis-1,3-Dichloropropene	9.93	75	963668	108.413 ug/L	99
40) 4-Methyl-2-pentanone	10.07	43	1233112	236.958 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	10.24	91	2447015	103.116	ug/L	100
44) trans-1,3-Dichloropropene	10.46	75	923620	110.765	ug/L	100
45) 1,1,2-Trichloroethane	10.64	97	477970	99.202	ug/L	98
46) Tetrachloroethene	10.72	164	522827	106.945	ug/L	98
48) 2-Hexanone	10.83	43	894244	245.381	ug/L	99
49) Dibromochloromethane	10.98	129	617520	109.130	ug/L	98
50) 1,2-Dibromoethane	11.09	107	484092	103.819	ug/L	100
51) Chlorobenzene	11.51	112	1573089	100.613	ug/L	99
52) Ethylbenzene	11.59	91	2748091	106.741	ug/L	100
53) m,p-Xylene	11.70	106	1048632	105.244	ug/L	95
54) o-Xylene	12.03	106	1034510	108.190	ug/L	99
55) Styrene	12.04	104	1806799	110.203	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.57	83	577272	109.117	ug/L	99
59) Bromoform	12.20	173	448597	107.265	ug/L	100
60) Isopropylbenzene	12.32	105	2762009	102.839	ug/L	100
61) 1,2,3-Trichloropropane	12.63	75	499582	101.388	ug/L	99
62) 1,3,5-Trimethylbenzene	12.81	105	2307288	107.724	ug/L	99
63) 1,2,4-Trimethylbenzene	13.12	105	2317587	108.422	ug/L	100
64) 1,3-Dichlorobenzene	13.36	146	1296851	100.104	ug/L	99
65) 1,4-Dichlorobenzene	13.44	146	1297909	98.577	ug/L	99
67) 1,2-Dichlorobenzene	13.73	146	1223433	101.395	ug/L	100
68) 1,2-Dibromo-3-chloropropan	14.35	75	126639	113.440	ug/L	98
69) 1,3,5-Trichlorobenzene	14.50	180	972714	103.955	ug/L	98
70) 1,2,4-trichlorobenzene	15.00	180	848504	106.234	ug/L	100
71) Naphthalene	15.23	128	1885850	112.317	ug/L	100
72) 1,2,3-Trichlorobenzene	15.42	180	765045	105.015	ug/L	98

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

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