

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121120\
 Data File : VY003741.D
 Acq On : 11 Dec 2020 21:23
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD02595

Quant Time: Dec 12 01:43:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 11 10:03:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	322565	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	304804	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	159032	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	97857	21.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.80%
7) Chloroethane-d5	2.77	69	80768	23.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.88%
10) 1,1-Dichloroethene-d2	3.86	63	214093	24.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.76%
20) 2-Butanone-d5	6.90	46	87955	54.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.18%
24) Chloroform-d	7.49	84	219153	26.40	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.60%
26) 1,2-Dichloroethane-d4	8.15	65	128907	27.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.40%
29) Benzene-d6	8.12	84	432458	24.51	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.04%
33) 1,2-Dichloropropane-d6	9.12	67	135083	25.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.48%
37) Toluene-d8	10.18	98	397012	25.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.40%
38) trans-1,3-Dichloropropene-	10.44	79	67207	26.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.72%
39) 2-Hexanone-d5	10.79	63	69166	52.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.74%
48) 1,1,2,2-Tetrachloroethane-	12.56	84	129231	27.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.12%
61) 1,2-Dichlorobenzene-d4	13.72	152	149858	25.94	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.76%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.91	85	88210	24.333	ug/L 98
3) Chloromethane	2.12	50	95319	24.229	ug/L 99
5) Vinyl chloride	2.26	62	105800	25.433	ug/L 99
6) Bromomethane	2.66	94	67956	25.265	ug/L 98
8) Chloroethane	2.80	64	68157	26.909	ug/L 93
9) Trichlorofluoromethane	3.14	101	176930	27.779	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	3.91	101	108436	26.485	ug/L 97
12) 1,1-Dichloroethene	3.89	96	100409	26.011	ug/L 88
13) Acetone	3.96	43	66453	55.746	ug/L 93
14) Carbon disulfide	4.20	76	312693	24.303	ug/L 99
15) Methyl Acetate	4.49	43	85597	28.537	ug/L 95
16) Methylene chloride	4.73	84	121388	21.432	ug/L 96
17) Methyl tert-butyl Ether	5.23	73	322715	29.492	ug/L 97
18) trans-1,2-Dichloroethene	5.23	96	112465	25.875	ug/L 97
19) 1,1-Dichloroethane	6.03	63	205015	28.097	ug/L 96
21) 2-Butanone	7.00	43	114205	54.255	ug/L 96
22) cis-1,2-Dichloroethene	7.00	96	125503	27.094	ug/L 97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY121120\
 Data File : VY003741.D
 Acq On : 11 Dec 2020 21:23
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD02595

Quant Time: Dec 12 01:43:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOM2YLM120420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 11 10:03:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.35	128	61026	26.391	ug/L	99
25) Chloroform	7.51	83	209245	28.328	ug/L	100
27) 1,2-Dichloroethane	8.25	62	150290	30.080	ug/L	99
30) Cyclohexane	7.80	56	185701	28.279	ug/L	97
31) 1,1,1-Trichloroethane	7.71	97	184426	28.385	ug/L	99
32) Carbon tetrachloride	7.90	117	162647	28.200	ug/L	99
34) Benzene	8.17	78	463212	26.566	ug/L	100
35) Trichloroethene	8.94	95	125751	26.268	ug/L	97
36) Methylcyclohexane	9.19	83	198568	27.067	ug/L	96
40) 1,2-Dichloropropane	9.22	63	123157	28.162	ug/L	99
41) Bromodichloromethane	9.50	83	160161	28.825	ug/L	96
42) cis-1,3-Dichloropropene	9.93	75	198656	28.860	ug/L	98
43) 4-Methyl-2-pentanone	10.07	43	250219	60.914	ug/L	97
44) Toluene	10.25	91	503334	27.366	ug/L	100
45) trans-1,3-Dichloropropene	10.47	75	185260	29.200	ug/L	100
46) 1,1,2-Trichloroethane	10.65	97	101661	26.963	ug/L	97
47) Tetrachloroethene	10.72	164	99714	26.746	ug/L	96
49) 2-Hexanone	10.83	43	177856	61.609	ug/L	97
50) Dibromochloromethane	10.98	129	124550	28.227	ug/L	97
51) 1,2-Dibromoethane	11.09	107	101921	27.937	ug/L	99
52) Chlorobenzene	11.51	112	328599	27.147	ug/L	96
53) Ethylbenzene	11.59	91	558534	27.825	ug/L	98
54) m,p-Xylene	11.70	106	218869	28.264	ug/L	95
55) o-xylene	12.03	106	208861	28.113	ug/L	94
56) Styrene	12.04	104	367402	28.895	ug/L	96
57) Isopropylbenzene	12.33	105	554173	28.531	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.58	83	121451	30.045	ug/L	99
59) 1,2,3-Trichloropropane	12.64	75	104392	28.885	ug/L	100
62) Bromoform	12.21	173	84753	28.231	ug/L	99
63) 1,3-Dichlorobenzene	13.36	146	262877	27.796	ug/L	98
64) 1,4-Dichlorobenzene	13.44	146	261231	27.171	ug/L	97
65) 1,2-Dichlorobenzene	13.74	146	245761	28.325	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.35	75	23945	29.625	ug/L	92
67) 1,3,5-Trichlorobenzene	14.50	180	180424	26.984	ug/L	99
68) 1,2,4-trichlorobenzene	15.00	180	157788	27.663	ug/L	99
69) Naphthalene	15.23	128	342816	28.656	ug/L	99
70) 1,2,3-Trichlorobenzene	15.42	180	143055	27.456	ug/L	99

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

