

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122220\
 Data File : VY003832.D
 Acq On : 22 Dec 2020 12:07
 Operator : SY/MD
 Sample : L5175-06
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 X2T98

Quant Time: Dec 23 00:38:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL120720SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 23 00:29:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	269448	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	255811	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	134217	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	57035	20.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.28%
7) Chloroethane-d5	2.76	69	50644	22.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	3.86	63	106873	18.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.48%
21) 2-Butanone-d5	6.89	46	61425	45.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.24%
24) Chloroform-d	7.48	84	138698	23.12	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.48%
26) 1,2-Dichloroethane-d4	8.14	65	78788	23.73	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.92%
32) Benzene-d6	8.11	84	293155	23.14	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.56%
36) 1,2-Dichloropropane-d6	9.12	67	84444	21.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.72%
41) Toluene-d8	10.18	98	271060	23.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.12%
43) trans-1,3-Dichloropropene-	10.43	79	43288	23.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.80%
47) 2-Hexanone-d5	10.79	63	53487	49.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.20%
56) 1,1,2,2-Tetrachloroethane-	12.56	84	89826	25.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.04%
66) 1,2-Dichlorobenzene-d4	13.72	152	106004	24.31	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.24%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.91	85	59082	20.951	ug/L	97
5) Vinyl chloride	2.25	62	51831	15.891	ug/L	88
8) Chloroethane	2.80	64	41243	20.225	ug/L	98
12) 1,1-Dichloroethene	3.88	96	38126	11.890	ug/L #	78
13) Acetone	3.95	43	94438	101.198	ug/L #	48
14) Carbon disulfide	4.20	76	238946	23.031	ug/L	98
16) Methylene chloride	4.72	84	121531	25.798	ug/L	90
17) trans-1,2-Dichloroethene	5.23	96	95706	26.757	ug/L	91
19) 1,1-Dichloroethane	6.02	63	59800	10.068	ug/L	95
20) cis-1,2-Dichloroethene	6.99	96	122139	31.872	ug/L	75
23) Bromochloromethane	7.34	128	74443	39.038	ug/L	93
25) Chloroform	7.51	83	70744	11.670	ug/L	94
30) 1,1,1-Trichloroethane	7.70	97	220731	41.465	ug/L	98
31) Carbon tetrachloride	7.90	117	78130	16.209	ug/L	96
34) Trichloroethene	8.94	95	119742	30.757	ug/L	94
37) 1,2-Dichloropropane	9.22	63	64455	17.830	ug/L #	93
38) Bromodichloromethane	9.50	83	56867	12.297	ug/L #	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122220\
 Data File : VY003832.D
 Acq On : 22 Dec 2020 12:07
 Operator : SY/MD
 Sample : L5175-06
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 X2T98

Quant Time: Dec 23 00:38:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL120720SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 23 00:29:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) cis-1,3-Dichloropropene	9.93	75	62684	10.994	uq/L	96
40) 4-Methyl-2-pentanone	10.07	43	109898	33.587	uq/L	97
44) trans-1,3-Dichloropropene	10.46	75	97423	18.347	uq/L	93
45) 1,1,2-Trichloroethane	10.65	97	31068	9.845	uq/L	91
46) Tetrachloroethene	10.72	164	67665	21.632	uq/L	94
48) 2-Hexanone	10.83	43	91349	40.031	uq/L #	95
49) Dibromochloromethane	10.98	129	43887	12.067	uq/L	91
50) 1,2-Dibromoethane	11.09	107	58304	19.144	uq/L #	97
55) Styrene	12.04	104	208834	19.681	uq/L	94
57) 1,1,2,2-Tetrachloroethane	12.58	83	100389	29.320	uq/L	94
59) Bromoform	12.21	173	50599	20.230	uq/L #	91
63) 1,2,4-Trimethylbenzene	13.12	105	325445	25.313	uq/L	99
64) 1,3-Dichlorobenzene	13.37	146	205946	26.031	uq/L	95
68) 1,2-Dibromo-3-chloropropan	14.35	75	25125	38.199	uq/L	88
72) 1,2,3-Trichlorobenzene	15.42	180	42044	9.618	uq/L	95

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122220\
Data File : VY003832.D
Acq On : 22 Dec 2020 12:07
Operator : SY/MD
Sample : L5175-06
Misc : 5.00G/10ML/MSVOA Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampled :
X2T98

Quant Time: Dec 23 00:38:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL120720SMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 23 00:29:22 2020
Response via : Initial Calibration

