

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120320\
 Data File : VY003655.D
 Acq On : 03 Dec 2020 20:11
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD025412

Quant Time: Dec 04 00:27:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL120120SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 04 00:25:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	227618	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	213858	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	117684	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.25	65	53557	18.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.04%
7) Chloroethane-d5	2.77	69	44878	19.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.80%
11) 1,1-Dichloroethene-d2	3.86	63	123060	20.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.16%
21) 2-Butanone-d5	6.90	46	62919	49.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.56%
24) Chloroform-d	7.49	84	129910	22.50	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	8.15	65	71472	22.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.44%
32) Benzene-d6	8.12	84	263696	21.70	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.80%
36) 1,2-Dichloropropane-d6	9.12	67	82214	22.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.84%
41) Toluene-d8	10.18	98	240736	22.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.68%
43) trans-1,3-Dichloropropene-	10.43	79	40181	23.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.76%
47) 2-Hexanone-d5	10.79	63	50745	51.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.60%
56) 1,1,2,2-Tetrachloroethane-	12.56	84	76090	20.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.32%
66) 1,2-Dichlorobenzene-d4	13.72	152	94419	22.61	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.44%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.91	85	65061	24.628	ug/L 100
3) Chloromethane	2.12	50	71086	24.812	ug/L 98
5) Vinyl chloride	2.26	62	74146	24.119	ug/L 96
6) Bromomethane	2.66	94	47442	24.647	ug/L 100
8) Chloroethane	2.80	64	47424	24.707	ug/L 97
9) Trichlorofluoromethane	3.14	101	119410	25.594	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	3.91	101	76696	24.626	ug/L 99
12) 1,1-Dichloroethene	3.88	96	74508	25.181	ug/L 93
13) Acetone	3.96	43	40605	44.375	ug/L 94
14) Carbon disulfide	4.20	76	241381	24.694	ug/L 99
15) Methyl Acetate	4.49	43	56383	25.587	ug/L 96
16) Methylene chloride	4.73	84	89892	23.395	ug/L 97
17) trans-1,2-Dichloroethene	5.23	96	80703	24.835	ug/L 98
18) Methyl tert-butyl Ether	5.23	73	209964	26.437	ug/L 99
19) 1,1-Dichloroethane	6.03	63	139253	25.457	ug/L 100
20) cis-1,2-Dichloroethene	7.00	96	89379	26.227	ug/L 93
22) 2-Butanone	7.00	43	71983	46.792	ug/L 98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120320\
 Data File : VY003655.D
 Acq On : 03 Dec 2020 20:11
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD025412

Quant Time: Dec 04 00:27:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL120120SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 04 00:25:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.34	128	43024	25.887	ug/L	97
25) Chloroform	7.51	83	141835	25.881	ug/L	99
27) 1,2-Dichloroethane	8.25	62	94438	26.179	ug/L	95
29) Cyclohexane	7.79	56	127235	25.059	ug/L	98
30) 1,1,1-Trichloroethane	7.71	97	123177	25.265	ug/L	98
31) Carbon tetrachloride	7.90	117	112055	25.464	ug/L	97
33) Benzene	8.17	78	332617	25.448	ug/L	100
34) Trichloroethene	8.94	95	91767	28.129	ug/L	99
35) Methylcyclohexane	9.19	83	143197	25.671	ug/L	98
37) 1,2-Dichloropropane	9.22	63	85735	25.841	ug/L	99
38) Bromodichloromethane	9.50	83	107912	25.839	ug/L	98
39) cis-1,3-Dichloropropene	9.93	75	133231	25.993	ug/L	96
40) 4-Methyl-2-pentanone	10.07	43	160449	55.082	ug/L	99
42) Toluene	10.25	91	357360	26.027	ug/L	100
44) trans-1,3-Dichloropropene	10.47	75	123257	26.052	ug/L	99
45) 1,1,2-Trichloroethane	10.64	97	72233	25.925	ug/L	96
46) Tetrachloroethene	10.72	164	70782	25.350	ug/L	99
48) 2-Hexanone	10.83	43	113601	53.422	ug/L	97
49) Dibromochloromethane	10.98	129	84280	26.174	ug/L	99
50) 1,2-Dibromoethane	11.09	107	70929	26.320	ug/L	99
51) Chlorobenzene	11.51	112	233302	26.372	ug/L	98
52) Ethylbenzene	11.59	91	389102	26.484	ug/L	99
53) m,p-Xylene	11.70	106	151455	26.360	ug/L	97
54) o-Xylene	12.03	106	145871	26.880	ug/L	96
55) Styrene	12.04	104	253467	27.299	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.58	83	77578	21.012	ug/L	97
59) Bromoform	12.21	173	58148	25.168	ug/L	99
60) Isopropylbenzene	12.33	105	387765	25.774	ug/L	99
61) 1,2,3-Trichloropropane	12.64	75	69936	24.851	ug/L	99
62) 1,3,5-Trimethylbenzene	12.81	105	309924	25.978	ug/L	99
63) 1,2,4-Trimethylbenzene	13.12	105	312593	26.520	ug/L	99
64) 1,3-Dichlorobenzene	13.36	146	186279	25.590	ug/L	97
65) 1,4-Dichlorobenzene	13.45	146	188802	25.526	ug/L	98
67) 1,2-Dichlorobenzene	13.73	146	175237	25.639	ug/L	99
68) 1,2-Dibromo-3-chloropropan	14.35	75	16065	24.600	ug/L	94
69) 1,3,5-Trichlorobenzene	14.50	180	132290	25.870	ug/L	99
70) 1,2,4-trichlorobenzene	15.01	180	110935	25.469	ug/L	100
71) Naphthalene	15.23	128	245237	25.790	ug/L	99
72) 1,2,3-Trichlorobenzene	15.42	180	104662	26.163	ug/L	98

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120320\
 Data File : VY003655.D
 Acq On : 03 Dec 2020 20:11
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD025412

Quant Time: Dec 04 00:27:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYL120120SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 04 00:25:15 2020
 Response via : Initial Calibration

