

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050420\
 Data File : VW015386.D
 Acq On : 04 May 2020 14:53
 Operator : SY/VA
 Sample : VSTD02504
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02504

Manual Integrations
 APPROVED

MMDadoda
 5/5/2020 11:29:58 AM

Quant Time: May 04 15:21:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 04 15:08:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	365978	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	333265	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	161311	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	113275	42.51	ug/L	0.00
7) Chloroethane-d5	2.89	69	109321	35.24	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	225044	33.42	ug/L	0.00
20) 2-Butanone-d5	7.08	46	58766	71.76	ug/L	0.00
24) Chloroform-d	7.65	84	224491	27.90	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	126368	30.50	ug/L	0.00
29) Benzene-d6	8.27	84	453506	29.54	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	137059	31.91	ug/L	0.00
37) Toluene-d8	10.32	98	438424	27.98	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	63230	28.76	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	49527	63.14	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	102331	28.14	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	140168	25.00	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	73687	21.375 ug/L	97
3) Chloromethane	2.21	50	75044	26.587 ug/L	99
5) Vinyl chloride	2.37	62	124972	36.667 ug/L	98
6) Bromomethane	2.78	94	84832	26.481 ug/L	99
8) Chloroethane	2.93	64	85186	32.209 ug/L	97
9) Trichlorofluoromethane	3.26	101	91108	22.825 ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	102577	24.339 ug/L	88
12) 1,1-Dichloroethene	4.03	96	101863m	24.740 ug/L	
13) Acetone	4.12	43	42027	60.929 ug/L	90
14) Carbon disulfide	4.38	76	310249	27.605 ug/L	98
15) Methyl Acetate	4.67	43	46026	33.458 ug/L #	87
16) Methylene chloride	4.92	84	108306	23.238 ug/L	85
17) Methyl tert-butyl Ether	5.43	73	168851	27.732 ug/L	94
18) trans-1,2-Dichloroethene	5.42	96	110836	24.570 ug/L	86
19) 1,1-Dichloroethane	6.21	63	209370	29.799 ug/L	98
21) 2-Butanone	7.17	43	62131	59.555 ug/L	92
22) cis-1,2-Dichloroethene	7.17	96	120146	24.664 ug/L	84
23) Bromochloromethane	7.51	128	50165	21.449 ug/L #	75
25) Chloroform	7.68	83	209391	26.201 ug/L	99
27) 1,2-Dichloroethane	8.40	62	145569	28.721 ug/L	96
30) Cyclohexane	7.96	56	205798	32.255 ug/L	86
31) 1,1,1-Trichloroethane	7.87	97	180875	25.227 ug/L	95
32) Carbon tetrachloride	8.07	117	161813	23.340 ug/L	99
34) Benzene	8.32	78	474926	27.804 ug/L	100
35) Trichloroethene	9.09	95	125394	25.517 ug/L	90
36) Methylcyclohexane	9.34	83	222521	26.861 ug/L #	89
40) 1,2-Dichloropropane	9.37	63	117839	30.400 ug/L #	96
41) Bromodichloromethane	9.64	83	156113	26.311 ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	192860	28.417 ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	148449	56.791 ug/L #	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050420\
 Data File : VW015386.D
 Acq On : 04 May 2020 14:53
 Operator : SY/VA
 Sample : VSTD02504
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02504

Manual Integrations
 APPROVED

MMDadoda
 5/5/2020 11:29:58 AM

Quant Time: May 04 15:21:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 04 15:08:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	519375	26.200	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	167847	27.824	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	82302	24.738	ug/L	96
47) Tetrachloroethene	10.86	164	96168	20.513	ug/L	94
49) 2-Hexanone	10.97	43	100733	70.387	ug/L #	92
50) Dibromochloromethane	11.13	129	99546	22.125	ug/L	99
51) 1,2-Dibromoethane	11.23	107	79310	23.910	ug/L #	99
52) Chlorobenzene	11.66	112	324572	24.295	ug/L	93
53) Ethylbenzene	11.73	91	605147	26.394	ug/L	95
54) m,p-Xylene	11.84	106	226168	24.920	ug/L	96
55) o-xylene	12.16	106	217128	24.937	ug/L	96
56) Styrene	12.18	104	372383	25.474	ug/L	95
57) Isopropylbenzene	12.46	105	604539	25.499	ug/L	96
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	98527	26.626	ug/L	95
59) 1,2,3-Trichloropropane	12.77	75	74199	27.494	ug/L	99
62) Bromoform	12.35	173	56760	21.411	ug/L #	98
63) 1,3-Dichlorobenzene	13.50	146	253879	24.768	ug/L	95
64) 1,4-Dichlorobenzene	13.58	146	249941	24.646	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	223232	24.259	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.48	75	17560	29.166	ug/L #	76
67) 1,3,5-Trichlorobenzene	14.63	180	175276	22.120	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	141629	21.747	ug/L	98
69) Naphthalene	15.36	128	270759	24.868	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	123807	22.015	ug/L	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW050420\
Data File : VW015386.D
Acq On : 04 May 2020 14:53
Operator : SY/VA
Sample : VSTD02504
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD02504

Manual Integrations
APPROVED

MMDadoda
5/5/2020 11:29:58 AM

Quant Time: May 04 15:21:44 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM050420S.M
Quant Title : VOC Analysis
QLast Update : Mon May 04 15:08:09 2020
Response via : Initial Calibration

