

Data File : VW001877.D

Acq On : 05 Apr 2018 13:32

Operator : JC/SY

Sample : VSTD00582

Misc : 5.00G/10ML/MSVOA_W/SOIL

ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD00582

Quant Time: Apr 05 15:01:29 2018

Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040518S.M

Quant Title : VOC Analysis

QLast Update : Thu Apr 05 15:01:36 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	347274	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	344652	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	163160	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	33639	5.92	ug/L	0.00
7) Chloroethane-d5	2.88	69	24227	5.78	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	63893	5.38	ug/L	0.00
20) 2-Butanone-d5	7.09	46	19213	29.51	ug/L	0.00
24) Chloroform-d	7.65	84	49952	4.50	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	35961	5.50	ug/L	0.00
29) Benzene-d6	8.28	84	109903	5.16	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	35856	5.10	ug/L	0.00
37) Toluene-d8	10.34	98	93226	4.82	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.59	79	14610	5.05	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	13268	13.29	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	35074	5.81	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.87	152	35163	5.39	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	40793	5.31	ug/L	98
3) Chloromethane	2.22	50	37023	4.73	ug/L	97
5) Vinyl chloride	2.36	62	33935	5.19	ug/L	93
6) Bromomethane	2.76	94	14166	5.37	ug/L	92
8) Chloroethane	2.92	64	18039	5.11	ug/L	100
9) Trichlorofluoromethane	3.26	101	48943	5.19	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	29055	5.11	ug/L	99
12) 1,1-Dichloroethene	4.03	96	25243	5.01	ug/L	87
13) Acetone	4.13	43	21437	11.13	ug/L	97
14) Carbon disulfide	4.37	76	89364	4.91	ug/L	98
15) Methyl Acetate	4.69	43	20020	6.13	ug/L	96
16) Methylene chloride	4.92	84	44651	6.25	ug/L	97
17) Methyl tert-butyl Ether	5.44	73	51121	4.58	ug/L #	89
18) trans-1,2-Dichloroethene	5.43	96	26010	4.93	ug/L	93
19) 1,1-Dichloroethane	6.22	63	52845	5.16	ug/L	98
21) 2-Butanone	7.18	43	25242	11.26	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	26076	4.84	ug/L	96
23) Bromochloromethane	7.51	128	12687	5.36	ug/L	94
25) Chloroform	7.68	83	61187	5.70	ug/L	98
27) 1,2-Dichloroethane	8.40	62	38646	5.10	ug/L	96
30) Cyclohexane	7.95	56	37846	4.37	ug/L	98
31) 1,1,1-Trichloroethane	7.88	97	46698	5.15	ug/L	98
32) Carbon tetrachloride	8.07	117	43115	5.23	ug/L	100
34) Benzene	8.33	78	108986	4.88	ug/L	100
35) Trichloroethene	9.10	95	29145	4.88	ug/L	98
36) Methylcyclohexane	9.34	83	39730	4.24	ug/L	94
40) 1,2-Dichloropropane	9.38	63	30418	4.94	ug/L #	98
41) Bromodichloromethane	9.65	83	37611	4.89	ug/L	95
42) cis-1,3-Dichloropropene	10.09	75	37813	4.56	ug/L	94
43) 4-Methyl-2-pentanone	10.22	43	42666	10.05	ug/L	97

Data File : VW001877.D
Acq On : 05 Apr 2018 13:32
Operator : JC/SY
Sample : VSTD00582
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD00582

Quant Time: Apr 05 15:01:29 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040518S.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 05 15:01:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.40	91	107592	4.65	ug/L	98
45) trans-1,3-Dichloropropene	10.62	75	34248	4.63	ug/L	98
46) 1,1,2-Trichloroethane	10.80	97	23857	5.22	ug/L	95
47) Tetrachloroethene	10.87	164	23768	5.12	ug/L	98
49) 2-Hexanone	10.98	43	31268	10.14	ug/L	94
50) Dibromochloromethane	11.13	129	26131	4.96	ug/L	96
51) 1,2-Dibromoethane	11.24	107	22103	5.41	ug/L #	100
52) Chlorobenzene	11.67	112	73848	4.88	ug/L	95
53) Ethylbenzene	11.74	91	112566	4.44	ug/L	97
54) m,p-Xylene	11.85	106	41219	4.43	ug/L	96
55) o-xylene	12.18	106	37268	4.28	ug/L	92
56) Styrene	12.19	104	62697	4.12	ug/L	99
57) Isopropylbenzene	12.48	105	99348	4.26	ug/L	97
58) 1,1,2,2-Tetrachloroethane	12.73	83	32459	5.53	ug/L	95
59) 1,2,3-Trichloropropane	12.78	75	25361	5.58	ug/L	99
62) Bromoform	12.36	173	16008	5.33	ug/L	98
63) 1,3-Dichlorobenzene	13.51	146	50343	4.84	ug/L	100
64) 1,4-Dichlorobenzene	13.60	146	57206	5.02	ug/L	97
65) 1,2-Dichlorobenzene	13.88	146	52350	5.07	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.51	75	6119	5.95	ug/L	95
67) 1,3,5-Trichlorobenzene	14.65	180	40145	4.96	ug/L	99
68) 1,2,4-trichlorobenzene	15.16	180	30358	4.81	ug/L	96
69) Naphthalene	15.39	128	55635	4.49	ug/L	98
70) 1,2,3-Trichlorobenzene	15.58	180	29695	4.90	ug/L	98

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

