

Data File : VW016098.D
Acq On : 10 Aug 2020 12:02
Operator : SY/VA
Sample : VSTD2.501
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.501

Manual Integrations
APPROVED

MMDadoda
8/11/2020 8:22:56 AM

Quant Time: Aug 10 13:30:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
Quant Title : VOC Analysis
QLast Update : Mon Aug 10 13:22:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	399974	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	374995	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	162130	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	14114	2.50	ug/L	0.00
7) Chloroethane-d5	2.89	69	10176	2.22	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	27478	2.41	ug/L	0.00
20) 2-Butanone-d5	7.09	46	6047	4.08	ug/L	0.00
24) Chloroform-d	7.65	84	27666	2.46	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	14595	2.37	ug/L	0.00
29) Benzene-d6	8.27	84	50457	2.21	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	15415	2.25	ug/L	0.00
37) Toluene-d8	10.33	98	45274	2.19	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	6297	2.16	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	4179	3.67	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	12160	2.31	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	14585	2.31	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	9251	2.733 ug/L	98
3) Chloromethane	2.21	50	10208	2.494 ug/L	96
5) Vinyl chloride	2.36	62	13353	2.115 ug/L	99
6) Bromomethane	2.78	94	8232	2.186 ug/L	95
8) Chloroethane	2.92	64	7270	1.966 ug/L	96
9) Trichlorofluoromethane	3.26	101	9228	2.175 ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	13739m	2.648 ug/L	
12) 1,1-Dichloroethene	4.03	96	12627	2.456 ug/L	89
13) Acetone	4.14	43	5587	4.487 ug/L	79
14) Carbon disulfide	4.38	76	38514	2.372 ug/L	100
15) Methyl Acetate	4.68	43	5873m	2.502 ug/L	
16) Methylene chloride	4.92	84	19756	3.014 ug/L	96
17) Methyl tert-butyl Ether	5.43	73	16419	2.258 ug/L #	91
18) trans-1,2-Dichloroethene	5.42	96	12556	2.313 ug/L	98
19) 1,1-Dichloroethane	6.22	63	23100	2.309 ug/L	98
21) 2-Butanone	7.18	43	8547	5.552 ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	13108	2.308 ug/L	96
23) Bromochloromethane	7.52	128	6376	2.560 ug/L	92
25) Chloroform	7.68	83	25341	2.556 ug/L	100
27) 1,2-Dichloroethane	8.40	62	17161	2.543 ug/L	97
30) Cyclohexane	7.95	56	17597	1.861 ug/L	98
31) 1,1,1-Trichloroethane	7.88	97	21010	2.399 ug/L	99
32) Carbon tetrachloride	8.07	117	20207	2.545 ug/L	100
34) Benzene	8.32	78	50568	2.220 ug/L	100
35) Trichloroethene	9.09	95	14245	2.364 ug/L	96
36) Methylcyclohexane	9.34	83	21907	2.119 ug/L	99
40) 1,2-Dichloropropane	9.37	63	12633	2.239 ug/L	98
41) Bromodichloromethane	9.65	83	17564	2.410 ug/L	96
42) cis-1,3-Dichloropropene	10.08	75	16895	1.966 ug/L	93
43) 4-Methyl-2-pentanone	10.21	43	13804	4.192 ug/L	96

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44) Toluene	10.39	91	51954	2.175	ug/L	97
45) trans-1,3-Dichloropropene	10.61	75	15966	2.144	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	10090	2.487	ug/L	98
47) Tetrachloroethene	10.86	164	10773	2.304	ug/L	90
49) 2-Hexanone	10.97	43	8745	3.742	ug/L	99
50) Dibromochloromethane	11.13	129	11173	2.379	ug/L	99
51) 1,2-Dibromoethane	11.23	107	9327	2.403	ug/L #	94
52) Chlorobenzene	11.66	112	37059	2.421	ug/L	93
53) Ethylbenzene	11.73	91	58436	2.175	ug/L	96
54) m,p-Xylene	11.84	106	21485	2.138	ug/L	86
55) o-xylene	12.17	106	19663	2.078	ug/L	92
56) Styrene	12.18	104	32649	2.029	ug/L	90
57) Isopropylbenzene	12.46	105	52822	2.051	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	11742	2.465	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	9078	2.543	ug/L	100
62) Bromoform	12.35	173	5760	2.415	ug/L #	99
63) 1,3-Dichlorobenzene	13.50	146	24142	2.327	ug/L	86
64) 1,4-Dichlorobenzene	13.58	146	25961	2.465	ug/L	95
65) 1,2-Dichlorobenzene	13.87	146	22974	2.437	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.49	75	2207	3.111	ug/L #	87
67) 1,3,5-Trichlorobenzene	14.63	180	15317	2.099	ug/L	97
68) 1,2,4-trichlorobenzene	15.13	180	10930	1.886	ug/L	95
69) Naphthalene	15.37	128	21037	1.927	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	10638	2.060	ug/L	97

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

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