Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081020\

Quantitation Report (QT Reviewed)

Data File : VW016099.D
Acq On : 10 Aug 2020 12:26
Operator : SY/VA
Sample : VSTD00502
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD00502

Manual Integrations APPROVED
MMDadoda
8/11/2020 8:22:59 AM

Quant Time: Aug 10 13:25:50 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	411825	25.00	ug/L		0.00
28) Chlorobenzene-d5	11.63	117	386864	25.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	176987	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.35	65	27974	4.81	ug/L		0.00
7) Chloroethane-d5	2.89	69	19896	4.22	ug/L		0.00
10) 1,1-Dichloroethene-d2	4.01	63	55856	4.75	ug/L		0.00
20) 2-Butanone-d5	7.09	46	12442	8.15	ug/L		0.00
24) Chloroform-d	7.65	84	56118	4.85	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.31	65	30155	4.75	ug/L		0.00
29) Benzene-d6	8.27	84	106353	4.52	ug/L		0.00
33) 1,2-Dichloropropane-d6	9.27	67	30420	4.31	ug/L		0.00
37) Toluene-d8	10.32	98	94057	4.41	ug/L		0.00
38) trans-1,3-Dichloropropene-	10.58	79	13347	4.44	ug/L		0.00
39) 2-Hexanone-d5	10.93	63	9479	8.06	ug/L		0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	25513	4.70	ug/L		0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	30216	4.38	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.01	85	20121	5.774	ug/L		95
3) Chloromethane	2.21	50	19799	4.698	ug/L		93
5) Vinyl chloride	2.37	62	28116	4.325	ug/L		98
6) Bromomethane	2.78	94	17560	4.528	ug/L		100
8) Chloroethane	2.92	64	15412	4.047	ug/L		88
9) Trichlorofluoromethane	3.26	101	18998	4.348	ug/L		98
11) 1,1,2-Trichloro-1,2,2-trif	4.05	101	28184m	5.277	ug/L		
12) 1,1-Dichloroethene	4.03	96	26039	4.919	ug/L		90
13) Acetone	4.12	43	10960	8.550	ug/L		97
14) Carbon disulfide	4.38	76	80577	4.819	ug/L		98
15) Methyl Acetate	4.68	43	11707	4.843	ug/L	#	78
16) Methylene chloride	4.92	84	37803	5.602	ug/L		93
17) Methyl tert-butyl Ether	5.43	73	36718	4.905	ug/L	#	90
18) trans-1,2-Dichloroethene	5.43	96	27117	4.851	ug/L		87
19) 1,1-Dichloroethane	6.22	63	50351	4.888	ug/L		99
21) 2-Butanone	7.18	43	16446	10.375	ug/L	#	71
22) cis-1,2-Dichloroethene	7.17	96	28533	4.878	ug/L		90
23) Bromochloromethane	7.52	128	13444	5.242	ug/L		92
25) Chloroform	7.68	83	52939	5.185	ug/L		98
27) 1,2-Dichloroethane	8.40	62	36282	5.222	ug/L		100
30) Cyclohexane	7.95	56	38798	3.977	ug/L		98
31) 1,1,1-Trichloroethane	7.87	97	45469	5.034	ug/L		99
32) Carbon tetrachloride	8.07	117	41560	5.074	ug/L		98
34) Benzene	8.32	78	112346	4.781	ug/L		100
35) Trichloroethene	9.09	95	29997	4.826	ug/L		99
36) Methylcyclohexane	9.34	83	46417	4.352	ug/L		97
40) 1,2-Dichloropropane	9.37	63	27598	4.741	ug/L		99
41) Bromodichloromethane	9.65	83	37721	5.018	ug/L		100
42) cis-1,3-Dichloropropene	10.07	75	39629	4.470	ug/L		92
43) 4-Methyl-2-pentanone	10.21	43	32468	9.556	ug/L		97

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Quant Time: Aug 10 13:25:50 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)
44) Toluene	10.39	91	116004	4.707	ug/L		97
45) trans-1,3-Dichloropropene	10.61	75	35236	4.586	ug/L		97
46) 1,1,2-Trichloroethane	10.79	97	22628	5.406	ug/L		95
47) Tetrachloroethene	10.87	164	22951	4.757	ug/L		97
49) 2-Hexanone	10.97	43	21520	8.926	ug/L		99
50) Dibromochloromethane	11.13	129	24802	5.118	ug/L		99
51) 1,2-Dibromoethane	11.24	107	20440	5.105	ug/L	#	99
52) Chlorobenzene	11.66	112	79515	5.035	ug/L		99
53) Ethylbenzene	11.73	91	130871	4.723	ug/L		97
54) m,p-Xylene	11.84	106	48769	4.704	ug/L		100
55) o-xylene	12.17	106	44254	4.533	ug/L		87
56) Styrene	12.18	104	79235	4.773	ug/L		97
57) Isopropylbenzene	12.47	105	121961	4.589	ug/L		100
58) 1,1,2,2-Tetrachloroethane	12.72	83	26273	5.345	ug/L		98
59) 1,2,3-Trichloropropane	12.77	75	19897	5.403	ug/L		99
62) Bromoform	12.35	173	12863	4.940	ug/L	#	99
63) 1,3-Dichlorobenzene	13.50	146	55457	4.896	ug/L		98
64) 1,4-Dichlorobenzene	13.58	146	58717	5.108	ug/L		89
65) 1,2-Dichlorobenzene	13.87	146	51003	4.957	ug/L		96
66) 1,2-Dibromo-3-chloropropan	14.49	75	4392	5.671	ug/L		94
67) 1,3,5-Trichlorobenzene	14.63	180	34624	4.347	ug/L		99
68) 1,2,4-trichlorobenzene	15.13	180	26612	4.207	ug/L		97
69) Naphthalene	15.37	128	50381	4.227	ug/L		100
70) 1,2,3-Trichlorobenzene	15.56	180	24177	4.289	ug/L		100

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

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Misc : 5.00G/10ML/MSVOA_W/SOIL
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ClientSampleId :
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