Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011821\
Data File : VW017919.D
Acq On : 18 Jan 2021 10:22
Operator : SY/VA
Sample : VSTD00503
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 18 11:37:43 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM011821S.M
Quant Title : VOC Analysis
QLast Update : Mon Jan 18 11:36:18 2021
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTD00503

Manual Integrations APPROVED
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1/20/2021 4:57:45 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.841	114	431881	25.00	ug/L		0.00
28) Chlorobenzene-d5	11.634	117	391390	25.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	203962	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.355	65	37425	5.45	ug/L		0.00
7) Chloroethane-d5	2.891	69	30026	5.33	ug/L		0.00
10) 1,1-Dichloroethene-d2	4.025	63	66784	5.60	ug/L		0.00
20) 2-Butanone-d5	7.092	46	15009	11.70	ug/L		0.01
24) Chloroform-d	7.653	84	61704	5.34	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.311	65	35242	5.73	ug/L		0.00
29) Benzene-d6	8.274	84	122041	5.47	ug/L		0.00
33) 1,2-Dichloropropane-d6	9.274	67	34340	5.56	ug/L		0.00
37) Toluene-d8	10.323	98	110755	5.18	ug/L		0.00
38) trans-1,3-Dichloroprop...	10.579	79	14163	5.06	ug/L		0.00
39) 2-Hexanone-d5	10.926	63	10317	11.43	ug/L		0.00
48) 1,1,2,2-Tetrachloroeth...	12.694	84	28429	5.77	ug/L		0.00
61) 1,2-Dichlorobenzene-d4	13.853	152	36097	4.99	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.007	85	25098	5.03	ug/L		96
3) Chloromethane	2.209	50	23621	5.44	ug/L		99
5) Vinyl chloride	2.361	62	36369	4.97	ug/L		93
6) Bromomethane	2.775	94	30940	5.79	ug/L		99
8) Chloroethane	2.922	64	22931	5.05	ug/L		95
9) Trichlorofluoromethane	3.263	101	25575	4.29	ug/L		95
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	31374	5.62	ug/L	#	73
12) 1,1-Dichloroethene	4.044	96	28168	5.20	ug/L		78
13) Acetone	4.135	43	10487	10.52	ug/L		99
14) Carbon disulfide	4.385	76	86337	5.31	ug/L	#	94
15) Methyl Acetate	4.678	43	13195m	6.28	ug/L		
16) Methylene chloride	4.928	84	33128m	5.26	ug/L		
17) Methyl tert-butyl Ether	5.421	73	38731	5.53	ug/L	#	90
18) trans-1,2-Dichloroethene	5.427	96	31225	5.34	ug/L		99
19) 1,1-Dichloroethane	6.214	63	52185	5.23	ug/L		97
21) 2-Butanone	7.171	43	15464	10.70	ug/L		99
22) cis-1,2-Dichloroethene	7.171	96	32231	5.27	ug/L		98
23) Bromochloromethane	7.512	128	14663	5.57	ug/L		95
25) Chloroform	7.677	83	56344	5.38	ug/L		100
27) 1,2-Dichloroethane	8.403	62	38781	5.59	ug/L		98
30) Cyclohexane	7.957	56	47526	5.07	ug/L		98
31) 1,1,1-Trichloroethane	7.872	97	46252	5.14	ug/L		97
32) Carbon tetrachloride	8.067	117	42198	4.96	ug/L		95
34) Benzene	8.323	78	118872	5.28	ug/L		100
35) Trichloroethene	9.091	95	32772	5.27	ug/L		95
36) Methylcyclohexane	9.335	83	55532	5.11	ug/L		98
40) 1,2-Dichloropropane	9.366	63	29014	5.44	ug/L		100
41) Bromodichloromethane	9.646	83	37858	5.17	ug/L		96
42) cis-1,3-Dichloropropene	10.073	75	43136	5.07	ug/L		92
43) 4-Methyl-2-pentanone	10.213	43	34099	11.64	ug/L		93
44) Toluene	10.384	91	129415	5.07	ug/L		96
45) trans-1,3-Dichloropropene	10.609	75	36602	4.99	ug/L		100

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Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1,2-Trichloroethane	10.786	97	21939	5.35	ug/L		96
47) Tetrachloroethene	10.865	164	25854	5.31	ug/L		93
49) 2-Hexanone	10.969	43	23421	11.33	ug/L		89
50) Dibromochloromethane	11.128	129	26069	5.43	ug/L		90
51) 1,2-Dibromoethane	11.231	107	21850	5.57	ug/L	#	96
52) Chlorobenzene	11.658	112	85606	5.38	ug/L		97
53) Ethylbenzene	11.731	91	145488	5.03	ug/L		95
54) m,p-Xylene	11.841	106	55994	4.99	ug/L		96
55) o-xylene	12.164	106	51557	4.87	ug/L		100
56) Styrene	12.182	104	87055	4.92	ug/L		99
57) Isopropylbenzene	12.463	105	142252	4.86	ug/L		98
58) 1,1,2,2-Tetrachloroethane	12.713	83	26480	5.59	ug/L		93
59) 1,2,3-Trichloropropane	12.768	75	20209	5.77	ug/L		97
62) Bromoform	12.347	173	12563	4.82	ug/L		95
63) 1,3-Dichlorobenzene	13.499	146	62060	4.89	ug/L		98
64) 1,4-Dichlorobenzene	13.578	146	65954	5.20	ug/L		97
65) 1,2-Dichlorobenzene	13.871	146	58066	5.15	ug/L		93
66) 1,2-Dibromo-3-chloropr...	14.481	75	4086	5.06	ug/L	#	76
67) 1,3,5-Trichlorobenzene	14.627	180	45007	5.15	ug/L		98
68) 1,2,4-trichlorobenzene	15.133	180	40039	5.55	ug/L		99
69) Naphthalene	15.365	128	73010	5.02	ug/L		99
70) 1,2,3-Trichlorobenzene	15.554	180	33179	5.35	ug/L		98

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

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