Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030821\
Data File : VW018251.D
Acq On : 08 Mar 2021 13:46
Operator : SY/VA
Sample : VSTD2.506
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.506

Manual Integrations APPROVED
MMDadoda
3/9/2021 3:03:45 PM

Quant Time: Mar 09 00:36:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM030821S.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 09 00:36:06 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.848	114	262802	25.00	ug/L		0.00
28) Chlorobenzene-d5	11.634	117	235895	25.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	115298	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.361	65	7328	2.47	ug/L		0.00
7) Chloroethane-d5	2.891	69	5803	2.45	ug/L		0.00
10) 1,1-Dichloroethene-d2	4.031	63	17224	2.52	ug/L		0.00
20) 2-Butanone-d5	7.092	46	3499	4.86	ug/L		0.02
24) Chloroform-d	7.647	84	18458	2.49	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.305	65	10983	2.61	ug/L		0.00
29) Benzene-d6	8.275	84	32608	2.49	ug/L		0.00
33) 1,2-Dichloropropane-d6	9.274	67	9098	2.50	ug/L		0.00
37) Toluene-d8	10.323	98	31272	2.49	ug/L		0.00
38) trans-1,3-Dichloroprop...	10.579	79	4484	2.54	ug/L		0.00
39) 2-Hexanone-d5	10.926	63	2991	4.98	ug/L		0.00
48) 1,1,2,2-Tetrachloroeth...	12.688	84	8212	2.58	ug/L		0.00
61) 1,2-Dichlorobenzene-d4	13.853	152	11542	2.62	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.013	85	9466	2.60	ug/L		85
3) Chloromethane	2.215	50	6417	2.64	ug/L		89
5) Vinyl chloride	2.367	62	9712	2.56	ug/L		89
6) Bromomethane	2.794	94	7530	2.66	ug/L		99
8) Chloroethane	2.934	64	5540	2.60	ug/L		98
9) Trichlorofluoromethane	3.263	101	6930	2.38	ug/L		96
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	9799m	2.58	ug/L		
12) 1,1-Dichloroethene	4.044	96	8869	2.57	ug/L		82
13) Acetone	4.123	43	3679	6.13	ug/L		72
14) Carbon disulfide	4.391	76	25616	2.53	ug/L		97
15) Methyl Acetate	4.672	43	3426	2.84	ug/L	#	62
16) Methylene chloride	4.921	84	13978	3.09	ug/L		94
17) Methyl tert-butyl Ether	5.434	73	11188	2.69	ug/L	#	92
18) trans-1,2-Dichloroethene	5.427	96	9498	2.56	ug/L		96
19) 1,1-Dichloroethane	6.214	63	15553	2.56	ug/L		96
21) 2-Butanone	7.177	43	4169	5.44	ug/L		99
22) cis-1,2-Dichloroethene	7.171	96	9956	2.57	ug/L		89
23) Bromochloromethane	7.512	128	4492	2.53	ug/L		94
25) Chloroform	7.677	83	18137	2.58	ug/L		100
27) 1,2-Dichloroethane	8.396	62	12617	2.65	ug/L	#	95
30) Cyclohexane	7.957	56	12713	2.52	ug/L		97
31) 1,1,1-Trichloroethane	7.878	97	14994	2.57	ug/L		98
32) Carbon tetrachloride	8.073	117	14299	2.56	ug/L		97
34) Benzene	8.323	78	36403	2.64	ug/L		100
35) Trichloroethene	9.091	95	10549	2.61	ug/L		98
36) Methylcyclohexane	9.335	83	16532	2.58	ug/L		99
40) 1,2-Dichloropropane	9.366	63	8436	2.61	ug/L		99
41) Bromodichloromethane	9.646	83	12935	2.62	ug/L	#	99
42) cis-1,3-Dichloropropene	10.073	75	12979	2.50	ug/L		98
43) 4-Methyl-2-pentanone	10.207	43	9107	5.42	ug/L		99
44) Toluene	10.390	91	39196	2.58	ug/L		96
45) trans-1,3-Dichloropropene	10.603	75	11898	2.56	ug/L		96

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46) 1,1,2-Trichloroethane	10.786	97	7146	2.65	ug/L		96
47) Tetrachloroethene	10.866	164	8153	2.70	ug/L		81
49) 2-Hexanone	10.969	43	6465	5.58	ug/L		97
50) Dibromochloromethane	11.128	129	8291	2.58	ug/L		97
51) 1,2-Dibromoethane	11.237	107	7187	2.73	ug/L	#	87
52) Chlorobenzene	11.658	112	25840	2.59	ug/L		93
53) Ethylbenzene	11.731	91	44688	2.55	ug/L		99
54) m,p-Xylene	11.841	106	17036	2.57	ug/L		100
55) o-xylene	12.164	106	15584	2.56	ug/L		86
56) Styrene	12.182	104	26065	2.51	ug/L		100
57) Isopropylbenzene	12.469	105	44398	2.54	ug/L		99
58) 1,1,2,2-Tetrachloroethane	12.719	83	8772	2.78	ug/L	#	84
59) 1,2,3-Trichloropropane	12.768	75	6884	2.85	ug/L		98
62) Bromoform	12.347	173	4546	2.69	ug/L		99
63) 1,3-Dichlorobenzene	13.499	146	20656	2.64	ug/L		98
64) 1,4-Dichlorobenzene	13.578	146	20121	2.61	ug/L		91
65) 1,2-Dichlorobenzene	13.871	146	18478	2.65	ug/L		99
66) 1,2-Dibromo-3-chloropr...	14.487	75	1590	2.83	ug/L	#	86
67) 1,3,5-Trichlorobenzene	14.627	180	15350	2.67	ug/L		96
68) 1,2,4-trichlorobenzene	15.127	180	12495	2.67	ug/L		93
69) Naphthalene	15.365	128	24081	2.64	ug/L		98
70) 1,2,3-Trichlorobenzene	15.548	180	10992	2.69	ug/L		98

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

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