Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100821\
Data File : VW020399.D
Acq On : 08 Oct 2021 10:20
Operator : SY/VA
Sample : VSTD2.576
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD2.5476

Quant Time: Oct 08 12:08:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Oct 08 12:04:35 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.841	114	219300	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.634	117	206819	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	102005	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.349	65	8350	2.574	ug/L		0.00
7) Chloroethane-d5	2.885	69	3683	2.346	ug/L		0.00
11) 1,1-Dichloroethene-d2	4.019	63	16455	2.529	ug/L		0.00
21) 2-Butanone-d5	7.086	46	4316	4.765	ug/L		0.00
24) Chloroform-d	7.653	84	18791	2.651	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.311	65	10675	2.627	ug/L		0.00
32) Benzene-d6	8.275	84	34008	2.501	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.280	67	11592	2.597	ug/L		0.00
41) Toluene-d8	10.323	98	28998	2.421	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.579	79	4226	2.463	ug/L		0.00
47) 2-Hexanone-d5	10.926	63	2531	4.245	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.694	84	8359	2.490	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	10507	2.612	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.007	85	2151	1.888	ug/L		97
3) Chloromethane	2.209	50	7159	2.442	ug/L		99
5) Vinyl chloride	2.355	62	10029	2.397	ug/L		100
6) Bromomethane	2.776	94	4310	2.419	ug/L		89
8) Chloroethane	2.916	64	3374	2.347	ug/L		100
9) Trichlorofluoromethane	3.251	101	6148	2.579	ug/L		97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	8314	2.442	ug/L		99
12) 1,1-Dichloroethene	4.031	96	7194	2.386	ug/L	#	77
13) Acetone	4.141	43	4078	4.795	ug/L		70
14) Carbon disulfide	4.379	76	24054	2.411	ug/L		100
15) Methyl Acetate	4.684	43	3522	2.217	ug/L	#	83
16) Methylene chloride	4.915	84	15098	3.077	ug/L		93
17) trans-1,2-Dichloroethene	5.427	96	7470	2.362	ug/L		96
18) Methyl tert-butyl Ether	5.434	73	9591	2.248	ug/L		98
19) 1,1-Dichloroethane	6.220	63	16161	2.447	ug/L		99
20) cis-1,2-Dichloroethene	7.171	96	7478	2.324	ug/L		94
22) 2-Butanone	7.183	43	3927	3.935	ug/L	#	73
23) Bromochloromethane	7.519	128	3645	2.480	ug/L		89
25) Chloroform	7.677	83	16111	2.485	ug/L		99
27) 1,2-Dichloroethane	8.403	62	10767	2.431	ug/L		97
29) Cyclohexane	7.957	56	11547	2.063	ug/L		98
30) 1,1,1-Trichloroethane	7.866	97	12268	2.385	ug/L		98
31) Carbon tetrachloride	8.067	117	11019	2.429	ug/L		98
33) Benzene	8.323	78	35624	2.394	ug/L		100
34) Trichloroethene	9.091	95	8874	2.442	ug/L		95
35) Methylcyclohexane	9.335	83	13248	2.230	ug/L		98
37) 1,2-Dichloropropane	9.366	63	9246	2.407	ug/L		100
38) Bromodichloromethane	9.646	83	11032	2.434	ug/L		99
39) cis-1,3-Dichloropropene	10.073	75	10790	2.210	ug/L		97
40) 4-Methyl-2-pentanone	10.213	43	8334	4.025	ug/L		96
42) Toluene	10.390	91	32724	2.260	ug/L		97
44) trans-1,3-Dichloropropene	10.603	75	9206	2.128	ug/L		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	5545	2.279	ug/L		97
46) Tetrachloroethene	10.859	164	6160	2.378	ug/L		92
48) 2-Hexanone	10.969	43	5495	3.635	ug/L		98
49) Dibromochloromethane	11.128	129	6014	2.294	ug/L		97
50) 1,2-Dibromoethane	11.231	107	4943	2.253	ug/L	#	98
51) Chlorobenzene	11.658	112	22131	2.426	ug/L		96
52) Ethylbenzene	11.731	91	34081	2.211	ug/L		98
53) m,p-Xylene	11.841	106	12689	2.223	ug/L		95
54) o-Xylene	12.164	106	10854	2.104	ug/L		98
55) Styrene	12.182	104	18783	2.087	ug/L		94
57) 1,1,2,2-Tetrachloroethane	12.713	83	6908	2.305	ug/L		93
59) Bromoform	12.347	173	3151	2.310	ug/L	#	96
60) Isopropylbenzene	12.463	105	29974	2.123	ug/L		99
61) 1,2,3-Trichloropropane	12.768	75	5162	2.325	ug/L		96
62) 1,3,5-Trimethylbenzene	12.944	105	22894	2.040	ug/L		100
63) 1,2,4-Trimethylbenzene	13.249	105	22888	2.045	ug/L		99
64) 1,3-Dichlorobenzene	13.499	146	14795	2.323	ug/L		95
65) 1,4-Dichlorobenzene	13.578	146	16394	2.416	ug/L		96
67) 1,2-Dichlorobenzene	13.871	146	14070	2.379	ug/L		95
68) 1,2-Dibromo-3-chloropr...	14.487	75	1043	2.269	ug/L		88
69) 1,3,5-Trichlorobenzene	14.627	180	10991	2.380	ug/L		97
70) 1,2,4-trichlorobenzene	15.127	180	7917	2.262	ug/L		97
71) Naphthalene	15.365	128	11857	2.045	ug/L		98
72) 1,2,3-Trichlorobenzene	15.554	180	7132	2.293	ug/L		99

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

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