Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062821\
Data File : VW019341.D
Acq On : 28 Jun 2021 10:54
Operator : SY/VA
Sample : VSTD2.501
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD2.5101

Quant Time: Jun 28 12:15:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062821SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Jun 28 12:14:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.848	114	535995	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.634	117	490376	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	239144	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.355	65	17812	2.553	ug/L		0.00
7) Chloroethane-d5	2.891	69	12963	2.194	ug/L		0.00
11) 1,1-Dichloroethene-d2	4.031	63	34855	2.493	ug/L		0.00
21) 2-Butanone-d5	7.098	46	7726	4.245	ug/L		0.02
24) Chloroform-d	7.653	84	37465	2.626	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.305	65	19424	2.457	ug/L		0.00
32) Benzene-d6	8.281	84	74601	2.646	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.274	67	23032	2.697	ug/L		0.00
41) Toluene-d8	10.323	98	67221	2.597	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.579	79	8306	2.291	ug/L		0.00
47) 2-Hexanone-d5	10.926	63	5911	4.157	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.694	84	16822	2.441	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	22738	2.718	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.013	85	13461	1.998	ug/L		94
3) Chloromethane	2.215	50	15414	2.420	ug/L		97
5) Vinyl chloride	2.367	62	22534	2.364	ug/L		98
6) Bromomethane	2.782	94	12445	1.823	ug/L		91
8) Chloroethane	2.928	64	11582	2.067	ug/L		97
9) Trichlorofluoromethane	3.269	101	10878	2.084	ug/L		97
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	16426	2.188	ug/L		97
12) 1,1-Dichloroethene	4.044	96	16837	2.276	ug/L		88
13) Acetone	4.135	43	5683	3.742	ug/L		86
14) Carbon disulfide	4.391	76	52862	2.254	ug/L		98
15) Methyl Acetate	4.684	43	6604	2.062	ug/L	#	75
16) Methylene chloride	4.928	84	32438	3.334	ug/L		95
17) trans-1,2-Dichloroethene	5.434	96	18120	2.258	ug/L		96
18) Methyl tert-butyl Ether	5.434	73	21314	2.097	ug/L		95
19) 1,1-Dichloroethane	6.220	63	33357	2.341	ug/L		95
20) cis-1,2-Dichloroethene	7.171	96	19215	2.303	ug/L		94
22) 2-Butanone	7.183	43	8125	3.872	ug/L		97
23) Bromochloromethane	7.519	128	8336	2.277	ug/L		91
25) Chloroform	7.677	83	33517	2.326	ug/L		98
27) 1,2-Dichloroethane	8.403	62	21503	2.231	ug/L	#	95
29) Cyclohexane	7.957	56	28819	2.256	ug/L		96
30) 1,1,1-Trichloroethane	7.872	97	25186	2.285	ug/L		98
31) Carbon tetrachloride	8.073	117	23363	2.279	ug/L		97
33) Benzene	8.323	78	76248	2.382	ug/L		100
34) Trichloroethene	9.091	95	19662	2.376	ug/L		94
35) Methylcyclohexane	9.335	83	32737	2.276	ug/L		94
37) 1,2-Dichloropropane	9.372	63	18747	2.392	ug/L		98
38) Bromodichloromethane	9.646	83	22200	2.209	ug/L		94
39) cis-1,3-Dichloropropene	10.073	75	24916	2.069	ug/L		100
40) 4-Methyl-2-pentanone	10.213	43	17366	3.797	ug/L		96
42) Toluene	10.390	91	76960	2.251	ug/L		97
44) trans-1,3-Dichloropropene	10.609	75	21391	2.027	ug/L		93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	13270	2.283	ug/L	98
46) Tetrachloroethene	10.859	164	14707	2.309	ug/L	95
48) 2-Hexanone	10.969	43	12045	3.924	ug/L	97
49) Dibromochloromethane	11.128	129	13613	2.110	ug/L	100
50) 1,2-Dibromoethane	11.237	107	12308	2.190	ug/L	91
51) Chlorobenzene	11.658	112	50041	2.346	ug/L	99
52) Ethylbenzene	11.731	91	84038	2.234	ug/L	100
53) m,p-Xylene	11.841	106	30548	2.193	ug/L	97
54) o-Xylene	12.164	106	29666	2.247	ug/L	99
55) Styrene	12.182	104	48047	2.118	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	15724	2.215	ug/L	100
59) Bromoform	12.347	173	7077	1.982	ug/L	95
60) Isopropylbenzene	12.463	105	77843	2.212	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	11795	2.272	ug/L	95
62) 1,3,5-Trimethylbenzene	12.944	105	60897	2.106	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	60931	2.107	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	35921	2.337	ug/L	95
65) 1,4-Dichlorobenzene	13.578	146	37804	2.406	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	32795	2.372	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	2337	2.078	ug/L	90
69) 1,3,5-Trichlorobenzene	14.627	180	26823	2.429	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	21616	2.368	ug/L	97
71) Naphthalene	15.365	128	35899	1.997	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	18614	2.308	ug/L	98

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

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