Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020305.D
Acq On : 06 Oct 2021 09:25
Operator : SY/VA
Sample : VSTD00571
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD005471

Quant Time: Oct 06 15:00:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Oct 06 14:59:03 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	244009	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	225019	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	108378	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	16397	4.876	ug/L	0.00
7) Chloroethane-d5	2.885	69	5714	3.921	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	34027	4.913	ug/L	0.00
21) 2-Butanone-d5	7.092	46	8970	10.500	ug/L	0.00
24) Chloroform-d	7.653	84	37027	5.285	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	21367	5.572	ug/L	0.00
32) Benzene-d6	8.281	84	70176	5.151	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	23011	5.325	ug/L	0.00
41) Toluene-d8	10.323	98	65265	5.289	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	9083	5.166	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	5895	9.870	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	16726	5.546	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	21065	5.551	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	4826	3.610	ug/L	99
3) Chloromethane	2.215	50	15379	4.705	ug/L	93
5) Vinyl chloride	2.361	62	22266	5.008	ug/L	97
6) Bromomethane	2.782	94	8477	4.926	ug/L	98
8) Chloroethane	2.922	64	5430	4.085	ug/L	98
9) Trichlorofluoromethane	3.257	101	11462	4.976	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	18479	5.146	ug/L	99
12) 1,1-Dichloroethene	4.044	96	16762	4.937	ug/L	93
13) Acetone	4.141	43	8538	9.721	ug/L	96
14) Carbon disulfide	4.391	76	55864	5.005	ug/L	100
15) Methyl Acetate	4.684	43	9101	5.670	ug/L	98
16) Methylene chloride	4.922	84	25775	5.915	ug/L	98
17) trans-1,2-Dichloroethene	5.440	96	17878	5.030	ug/L	97
18) Methyl tert-butyl Ether	5.440	73	23494	5.112	ug/L	99
19) 1,1-Dichloroethane	6.220	63	36717	5.194	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	17946	4.937	ug/L	97
22) 2-Butanone	7.183	43	10592	9.809	ug/L	98
23) Bromochloromethane	7.519	128	8275	5.375	ug/L	96
25) Chloroform	7.683	83	35356	5.229	ug/L	100
27) 1,2-Dichloroethane	8.403	62	24514	5.428	ug/L	99
29) Cyclohexane	7.964	56	31284	4.676	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	27419	5.080	ug/L	99
31) Carbon tetrachloride	8.073	117	23843	5.060	ug/L	98
33) Benzene	8.329	78	81948	5.237	ug/L	100
34) Trichloroethene	9.098	95	19623	5.098	ug/L	98
35) Methylcyclohexane	9.341	83	32432	4.830	ug/L	98
37) 1,2-Dichloropropane	9.372	63	20478	5.253	ug/L	100
38) Bromodichloromethane	9.646	83	24645	5.188	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	26817	4.863	ug/L	97
40) 4-Methyl-2-pentanone	10.213	43	21155	9.934	ug/L	99
42) Toluene	10.390	91	79666	5.062	ug/L	97
44) trans-1,3-Dichloropropene	10.610	75	24079	5.042	ug/L	97

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45) 1,1,2-Trichloroethane	10.792	97	13321	5.401	ug/L		98
46) Tetrachloroethene	10.866	164	14621	5.161	ug/L		93
48) 2-Hexanone	10.969	43	14790	9.520	ug/L		100
49) Dibromochloromethane	11.128	129	14517	5.245	ug/L		91
50) 1,2-Dibromoethane	11.237	107	12185	5.373	ug/L	#	94
51) Chlorobenzene	11.658	112	50251	5.264	ug/L		98
52) Ethylbenzene	11.731	91	85440	4.973	ug/L		98
53) m,p-Xylene	11.841	106	31356	4.940	ug/L		93
54) o-Xylene	12.164	106	28862	4.856	ug/L		96
55) Styrene	12.182	104	49982	4.886	ug/L		98
57) 1,1,2,2-Tetrachloroethane	12.713	83	15931	5.433	ug/L		95
59) Bromoform	12.347	173	7651	5.284	ug/L		98
60) Isopropylbenzene	12.463	105	79950	4.969	ug/L		100
61) 1,2,3-Trichloropropane	12.768	75	12030	5.600	ug/L		95
62) 1,3,5-Trimethylbenzene	12.944	105	62842	4.827	ug/L		100
63) 1,2,4-Trimethylbenzene	13.249	105	63292	4.865	ug/L		99
64) 1,3-Dichlorobenzene	13.499	146	35194	5.200	ug/L		91
65) 1,4-Dichlorobenzene	13.579	146	36342	5.320	ug/L		96
67) 1,2-Dichlorobenzene	13.871	146	31417	5.207	ug/L		98
68) 1,2-Dibromo-3-chloropr...	14.481	75	2497	5.477	ug/L		93
69) 1,3,5-Trichlorobenzene	14.627	180	24505	5.097	ug/L		95
70) 1,2,4-trichlorobenzene	15.133	180	19136	5.103	ug/L		100
71) Naphthalene	15.365	128	31447	4.815	ug/L		99
72) 1,2,3-Trichlorobenzene	15.554	180	17534	5.353	ug/L		100

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

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