Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
Data File : VW020304.D
Acq On : 06 Oct 2021 09:01
Operator : SY/VA
Sample : VSTD2.570
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD2.5470

Quant Time: Oct 06 14:59:38 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	236131	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.634	117	216015	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	105026	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.349	65	7885	2.423	ug/L		0.00
7) Chloroethane-d5	2.885	69	2780	1.971	ug/L		0.00
11) 1,1-Dichloroethene-d2	4.025	63	16578	2.474	ug/L		0.00
21) 2-Butanone-d5	7.092	46	3751	4.537	ug/L		0.00
24) Chloroform-d	7.653	84	17554	2.589	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.305	65	9594	2.586	ug/L		0.00
32) Benzene-d6	8.275	84	33102	2.531	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.274	67	10477	2.525	ug/L		0.00
41) Toluene-d8	10.323	98	28737	2.426	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.579	79	4024	2.384	ug/L		0.00
47) 2-Hexanone-d5	10.926	63	2368	4.130	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.694	84	7449	2.573	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	9790	2.662	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.013	85	2485	1.921	ug/L		94
3) Chloromethane	2.215	50	7070	2.235	ug/L		95
5) Vinyl chloride	2.361	62	10704	2.488	ug/L		98
6) Bromomethane	2.782	94	4848	2.911	ug/L		88
8) Chloroethane	2.916	64	2679	2.083	ug/L		100
9) Trichlorofluoromethane	3.263	101	5689	2.552	ug/L		97
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	8736	2.514	ug/L		98
12) 1,1-Dichloroethene	4.037	96	7921	2.411	ug/L		88
13) Acetone	4.141	43	4044	4.758	ug/L		97
14) Carbon disulfide	4.385	76	26327	2.437	ug/L		98
15) Methyl Acetate	4.678	43	3665	2.360	ug/L		99
16) Methylene chloride	4.921	84	15005	3.559	ug/L		89
17) trans-1,2-Dichloroethene	5.427	96	8359	2.430	ug/L		96
18) Methyl tert-butyl Ether	5.434	73	10255	2.306	ug/L		99
19) 1,1-Dichloroethane	6.220	63	17058	2.494	ug/L		98
20) cis-1,2-Dichloroethene	7.171	96	8186	2.327	ug/L		98
22) 2-Butanone	7.183	43	4439	4.248	ug/L		97
23) Bromochloromethane	7.519	128	3832	2.572	ug/L		91
25) Chloroform	7.677	83	16599	2.537	ug/L		90
27) 1,2-Dichloroethane	8.403	62	11141	2.549	ug/L		99
29) Cyclohexane	7.957	56	13626	2.122	ug/L		98
30) 1,1,1-Trichloroethane	7.872	97	12943	2.498	ug/L		98
31) Carbon tetrachloride	8.067	117	11172	2.470	ug/L		99
33) Benzene	8.329	78	37777	2.515	ug/L		100
34) Trichloroethene	9.091	95	9323	2.523	ug/L		96
35) Methylcyclohexane	9.335	83	14862	2.305	ug/L		97
37) 1,2-Dichloropropane	9.372	63	9237	2.468	ug/L	#	94
38) Bromodichloromethane	9.646	83	11277	2.473	ug/L		97
39) cis-1,3-Dichloropropene	10.073	75	11847	2.238	ug/L		97
40) 4-Methyl-2-pentanone	10.213	43	8940	4.373	ug/L		95
42) Toluene	10.390	91	35929	2.378	ug/L		95
44) trans-1,3-Dichloropropene	10.609	75	10031	2.188	ug/L		92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	6065	2.562	ug/L	96
46) Tetrachloroethene	10.866	164	6705	2.465	ug/L	95
48) 2-Hexanone	10.969	43	5882	3.944	ug/L	99
49) Dibromochloromethane	11.128	129	6457	2.430	ug/L	98
50) 1,2-Dibromoethane	11.237	107	5313	2.440	ug/L	97
51) Chlorobenzene	11.658	112	23502	2.565	ug/L	96
52) Ethylbenzene	11.731	91	38621	2.342	ug/L	100
53) m,p-Xylene	11.841	106	13722	2.252	ug/L	98
54) o-Xylene	12.164	106	12887	2.258	ug/L	94
55) Styrene	12.182	104	21296	2.168	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	7084	2.517	ug/L	92
59) Bromoform	12.353	173	3390	2.416	ug/L	99
60) Isopropylbenzene	12.463	105	35058	2.249	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	5199	2.497	ug/L	97
62) 1,3,5-Trimethylbenzene	12.944	105	26183	2.076	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	26734	2.121	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	16472	2.512	ug/L	96
65) 1,4-Dichlorobenzene	13.578	146	17622	2.662	ug/L	94
67) 1,2-Dichlorobenzene	13.871	146	15032	2.571	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	1106	2.503	ug/L	86
69) 1,3,5-Trichlorobenzene	14.627	180	11981	2.572	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	8989	2.474	ug/L	99
71) Naphthalene	15.365	128	13750	2.172	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	8081	2.546	ug/L	96

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

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