Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102121\
Data File : VW020655.D
Acq On : 21 Oct 2021 07:50
Operator : SY/VA
Sample : VSTD2.501
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD2.5401

Quant Time: Oct 21 09:19:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102121SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Oct 21 09:15:34 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	196175	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	187312	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	94447	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	6172	2.123	ug/L	0.00
7) Chloroethane-d5	2.879	69	2457	1.661	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.007	63	9651	1.656	ug/L	0.00
21) 2-Butanone-d5	7.092	46	4001	4.636	ug/L	0.01
24) Chloroform-d	7.653	84	14279	2.294	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	8511	2.392	ug/L	0.00
32) Benzene-d6	8.275	84	25271	2.077	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	8678	2.190	ug/L	0.00
41) Toluene-d8	10.323	98	21395	1.952	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	3323	2.059	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	2262	3.661	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	7400	2.466	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	7903	2.169	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	2722	2.095	ug/L	91
3) Chloromethane	2.215	50	6745	2.541	ug/L	99
5) Vinyl chloride	2.355	62	8594	2.340	ug/L	100
6) Bromomethane	2.769	94	3286	2.085	ug/L	89
8) Chloroethane	2.910	64	2553	1.918	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	6134	2.057	ug/L	94
12) 1,1-Dichloroethene	4.031	96	5420	1.989	ug/L	90
13) Acetone	4.135	43	3304	4.151	ug/L	76
14) Carbon disulfide	4.379	76	18029	2.021	ug/L	99
15) Methyl Acetate	4.678	43	3878	2.630	ug/L	99
17) trans-1,2-Dichloroethene	5.421	96	6618	2.308	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	8964	2.217	ug/L	97
19) 1,1-Dichloroethane	6.214	63	14320	2.436	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	6400	2.153	ug/L	96
22) 2-Butanone	7.183	43	4450	4.497	ug/L	99
23) Bromochloromethane	7.513	128	3276	2.505	ug/L	93
25) Chloroform	7.677	83	14482	2.526	ug/L	92
27) 1,2-Dichloroethane	8.403	62	10180	2.592	ug/L	100
29) Cyclohexane	7.958	56	10050	1.854	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	11072	2.398	ug/L	99
31) Carbon tetrachloride	8.073	117	9541	2.351	ug/L	98
33) Benzene	8.323	78	32275	2.439	ug/L	100
34) Trichloroethene	9.092	95	7620	2.348	ug/L	98
35) Methylcyclohexane	9.335	83	11009	1.979	ug/L	95
37) 1,2-Dichloropropane	9.372	63	8134	2.378	ug/L	98
38) Bromodichloromethane	9.646	83	9954	2.417	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	9366	1.987	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	8774	4.252	ug/L	96
42) Toluene	10.390	91	28160	2.124	ug/L	98
44) trans-1,3-Dichloropropene	10.610	75	8806	2.122	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	5635	2.562	ug/L	95
46) Tetrachloroethene	10.859	164	5689	2.426	ug/L	90

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 2-Hexanone	10.969	43	6700	4.443	ug/L	#	93
49) Dibromochloromethane	11.128	129	5658	2.342	ug/L		96
50) 1,2-Dibromoethane	11.237	107	4896	2.423	ug/L	#	100
51) Chlorobenzene	11.658	112	19945	2.439	ug/L		98
52) Ethylbenzene	11.731	91	30415	2.118	ug/L		98
53) m,p-Xylene	11.841	106	10729	2.009	ug/L		92
54) o-Xylene	12.164	106	9696	1.971	ug/L		99
55) Styrene	12.182	104	16754	1.935	ug/L		99
57) 1,1,2,2-Tetrachloroethane	12.713	83	7037	2.576	ug/L		96
59) Bromoform	12.347	173	3365	2.561	ug/L		93
60) Isopropylbenzene	12.463	105	26186	1.926	ug/L		99
61) 1,2,3-Trichloropropane	12.768	75	5474	2.663	ug/L		100
62) 1,3,5-Trimethylbenzene	12.938	105	19870	1.783	ug/L		98
63) 1,2,4-Trimethylbenzene	13.249	105	19443	1.760	ug/L		100
64) 1,3-Dichlorobenzene	13.499	146	13369	2.259	ug/L		96
65) 1,4-Dichlorobenzene	13.579	146	14973	2.447	ug/L		98
67) 1,2-Dichlorobenzene	13.871	146	12252	2.256	ug/L		96
68) 1,2-Dibromo-3-chloropr...	14.481	75	1242	2.805	ug/L		94
69) 1,3,5-Trichlorobenzene	14.621	180	9423	2.233	ug/L		99
70) 1,2,4-trichlorobenzene	15.127	180	7171	2.167	ug/L		96
71) Naphthalene	15.365	128	11656	1.923	ug/L		99
72) 1,2,3-Trichlorobenzene	15.548	180	6560	2.227	ug/L		99

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

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