Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100821\
Data File : VW020400.D
Acq On : 08 Oct 2021 10:44
Operator : SY/VA
Sample : VSTD00577
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD005477

Quant Time: Oct 08 11:45:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Oct 08 11:43:52 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.848	114	214351	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.634	117	192004	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	95395	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.349	65	16558	5.613	ug/L		0.00
7) Chloroethane-d5	2.879	69	8174	6.210	ug/L		0.00
11) 1,1-Dichloroethene-d2	4.019	63	32679	5.350	ug/L		0.00
21) 2-Butanone-d5	7.086	46	8363	10.425	ug/L		0.00
24) Chloroform-d	7.653	84	35025	5.591	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.311	65	19886	5.699	ug/L		0.00
32) Benzene-d6	8.275	84	65782	5.581	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.275	67	21347	5.678	ug/L		0.00
41) Toluene-d8	10.323	98	58280	5.463	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.579	79	7981	5.193	ug/L		0.00
47) 2-Hexanone-d5	10.927	63	5275	9.720	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	15973	5.904	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	19370	5.654	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.008	85	5792	4.778	ug/L		98
3) Chloromethane	2.209	50	15255	5.297	ug/L		99
5) Vinyl chloride	2.361	62	21585	5.450	ug/L		94
6) Bromomethane	2.776	94	9219	5.827	ug/L		95
8) Chloroethane	2.916	64	7387	6.076	ug/L		98
9) Trichlorofluoromethane	3.251	101	11624	5.558	ug/L		98
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	17217	5.362	ug/L		99
12) 1,1-Dichloroethene	4.044	96	14846	4.921	ug/L		94
13) Acetone	4.129	43	7206	8.889	ug/L		78
14) Carbon disulfide	4.379	76	50448	5.108	ug/L		98
15) Methyl Acetate	4.678	43	7759	5.179	ug/L		96
16) Methylene chloride	4.922	84	24469	6.206	ug/L		95
17) trans-1,2-Dichloroethene	5.428	96	15674	4.951	ug/L		99
18) Methyl tert-butyl Ether	5.434	73	20196	4.803	ug/L		98
19) 1,1-Dichloroethane	6.226	63	32550	5.133	ug/L		99
20) cis-1,2-Dichloroethene	7.171	96	15584	4.785	ug/L		96
22) 2-Butanone	7.183	43	9080	8.979	ug/L		97
23) Bromochloromethane	7.519	128	7134	5.118	ug/L		98
25) Chloroform	7.677	83	32182	5.303	ug/L		92
27) 1,2-Dichloroethane	8.403	62	21581	5.247	ug/L		100
29) Cyclohexane	7.958	56	26337	4.557	ug/L		99
30) 1,1,1-Trichloroethane	7.872	97	25209	5.402	ug/L		98
31) Carbon tetrachloride	8.074	117	21875	5.358	ug/L		99
33) Benzene	8.330	78	73139	5.413	ug/L		100
34) Trichloroethene	9.098	95	17381	5.221	ug/L		97
35) Methylcyclohexane	9.342	83	28290	4.856	ug/L		97
37) 1,2-Dichloropropane	9.372	63	18685	5.499	ug/L	#	94
38) Bromodichloromethane	9.646	83	21732	5.271	ug/L		99
39) cis-1,3-Dichloropropene	10.073	75	22636	4.716	ug/L		99
40) 4-Methyl-2-pentanone	10.213	43	18513	9.540	ug/L		97
42) Toluene	10.390	91	70294	5.161	ug/L		94
44) trans-1,3-Dichloropropene	10.610	75	20352	4.853	ug/L		100

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45) 1,1,2-Trichloroethane	10.786	97	11876	5.439	ug/L		99
46) Tetrachloroethene	10.866	164	12469	5.097	ug/L		93
48) 2-Hexanone	10.969	43	13556	9.551	ug/L		97
49) Dibromochloromethane	11.128	129	12330	5.068	ug/L		99
50) 1,2-Dibromoethane	11.232	107	10472	5.213	ug/L		99
51) Chlorobenzene	11.658	112	43729	5.274	ug/L		96
52) Ethylbenzene	11.731	91	74040	4.963	ug/L		98
53) m,p-Xylene	11.841	106	27511	5.002	ug/L		97
54) o-Xylene	12.170	106	24862	4.824	ug/L		97
55) Styrene	12.183	104	43769	4.947	ug/L		97
57) 1,1,2,2-Tetrachloroethane	12.713	83	14203	5.416	ug/L		97
59) Bromoform	12.353	173	6441	4.906	ug/L		99
60) Isopropylbenzene	12.463	105	68122	4.729	ug/L		99
61) 1,2,3-Trichloropropane	12.768	75	10562	5.325	ug/L		97
62) 1,3,5-Trimethylbenzene	12.945	105	53145	4.565	ug/L		99
63) 1,2,4-Trimethylbenzene	13.249	105	52792	4.528	ug/L		100
64) 1,3-Dichlorobenzene	13.499	146	31662	5.219	ug/L		98
65) 1,4-Dichlorobenzene	13.579	146	33810	5.503	ug/L		94
67) 1,2-Dichlorobenzene	13.871	146	28950	5.325	ug/L		97
68) 1,2-Dibromo-3-chloropr...	14.481	75	2152	5.077	ug/L	#	80
69) 1,3,5-Trichlorobenzene	14.627	180	22714	5.278	ug/L		96
70) 1,2,4-trichlorobenzene	15.127	180	16802	4.956	ug/L		99
71) Naphthalene	15.365	128	25680	4.292	ug/L		99
72) 1,2,3-Trichlorobenzene	15.554	180	14981	5.060	ug/L		96

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

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