Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081121\
Data File : VW019705.D
Acq On : 11 Aug 2021 10:07
Operator : SY/VA
Sample : VSTD2.524
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD2.5424

Quant Time: Aug 11 18:14:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081121SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Aug 11 18:12:43 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.848	114	422744	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.634	117	397126	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	176264	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.361	65	12251	2.482	ug/L		0.00
7) Chloroethane-d5	2.897	69	11466	2.350	ug/L		0.00
11) 1,1-Dichloroethene-d2	4.031	63	21705	2.137	ug/L		0.00
21) 2-Butanone-d5	7.086	46	7552	4.684	ug/L		0.00
24) Chloroform-d	7.653	84	33644	2.632	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.311	65	19458	2.615	ug/L		0.00
32) Benzene-d6	8.274	84	61925	2.355	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.274	67	19503	2.466	ug/L		0.00
41) Toluene-d8	10.323	98	55261	2.304	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.579	79	7295	2.234	ug/L		0.00
47) 2-Hexanone-d5	10.926	63	5165	3.722	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.694	84	16153	2.353	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	16164	2.486	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.013	85	10750	2.215	ug/L		95
3) Chloromethane	2.221	50	12115	2.587	ug/L		99
5) Vinyl chloride	2.367	62	16231	2.573	ug/L		93
6) Bromomethane	2.782	94	12280	2.485	ug/L		96
8) Chloroethane	2.934	64	10343	2.438	ug/L		98
9) Trichlorofluoromethane	3.263	101	8373	2.144	ug/L		98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	11025	2.118	ug/L		98
12) 1,1-Dichloroethene	4.056	96	10682	2.109	ug/L		95
13) Acetone	4.129	43	5528	4.171	ug/L		94
14) Carbon disulfide	4.391	76	32975	2.286	ug/L		99
15) Methyl Acetate	4.678	43	4781	1.929	ug/L	#	82
16) Methylene chloride	4.921	84	22462	3.179	ug/L		99
17) trans-1,2-Dichloroethene	5.434	96	11884	2.146	ug/L		92
18) Methyl tert-butyl Ether	5.434	73	15147	1.883	ug/L	#	88
19) 1,1-Dichloroethane	6.226	63	30335	2.607	ug/L		97
20) cis-1,2-Dichloroethene	7.177	96	16358	2.607	ug/L		98
22) 2-Butanone	7.177	43	8686	4.900	ug/L		96
23) Bromochloromethane	7.519	128	8030	2.765	ug/L		88
25) Chloroform	7.683	83	31400	2.634	ug/L		99
27) 1,2-Dichloroethane	8.402	62	20577	2.472	ug/L		99
29) Cyclohexane	7.964	56	20724	2.106	ug/L		96
30) 1,1,1-Trichloroethane	7.878	97	24342	2.394	ug/L		99
31) Carbon tetrachloride	8.073	117	21951	2.339	ug/L		98
33) Benzene	8.323	78	64521	2.344	ug/L		100
34) Trichloroethene	9.091	95	17168	2.516	ug/L		90
35) Methylcyclohexane	9.341	83	25163	2.229	ug/L		94
37) 1,2-Dichloropropane	9.372	63	17121	2.489	ug/L		98
38) Bromodichloromethane	9.646	83	21705	2.491	ug/L		98
39) cis-1,3-Dichloropropene	10.073	75	21937	2.090	ug/L		97
40) 4-Methyl-2-pentanone	10.213	43	16241	3.842	ug/L		98
42) Toluene	10.390	91	62460	2.162	ug/L		98
44) trans-1,3-Dichloropropene	10.609	75	19048	2.073	ug/L		98

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Quant Title : SFAM01.0
QLast Update : Wed Aug 11 18:12:43 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	12314	2.421	ug/L		95
46) Tetrachloroethene	10.865	164	12444	2.425	ug/L		95
48) 2-Hexanone	10.969	43	11780	4.051	ug/L		97
49) Dibromochloromethane	11.128	129	13188	2.340	ug/L		100
50) 1,2-Dibromoethane	11.237	107	11502	2.376	ug/L	#	99
51) Chlorobenzene	11.658	112	44692	2.529	ug/L		96
52) Ethylbenzene	11.731	91	69392	2.291	ug/L		100
53) m,p-Xylene	11.841	106	25087	2.176	ug/L		89
54) o-Xylene	12.164	106	23099	2.076	ug/L		89
55) Styrene	12.182	104	39346	2.059	ug/L		99
57) 1,1,2,2-Tetrachloroethane	12.713	83	15025	2.321	ug/L		99
59) Bromoform	12.347	173	7305	2.727	ug/L	#	38
60) Isopropylbenzene	12.463	105	59339	2.462	ug/L		99
61) 1,2,3-Trichloropropane	12.768	75	11533	2.893	ug/L		98
62) 1,3,5-Trimethylbenzene	12.944	105	46303	2.307	ug/L		97
63) 1,2,4-Trimethylbenzene	13.249	105	48216	2.303	ug/L		98
64) 1,3-Dichlorobenzene	13.499	146	31580	2.705	ug/L		94
65) 1,4-Dichlorobenzene	13.578	146	31289	2.659	ug/L		97
67) 1,2-Dichlorobenzene	13.871	146	25302	2.469	ug/L		97
68) 1,2-Dibromo-3-chloropr...	14.481	75	1842	2.368	ug/L		90
69) 1,3,5-Trichlorobenzene	14.627	180	17973	2.410	ug/L		96
70) 1,2,4-trichlorobenzene	15.133	180	14212	2.264	ug/L		98
71) Naphthalene	15.365	128	22736	1.863	ug/L		99
72) 1,2,3-Trichlorobenzene	15.554	180	12802	2.305	ug/L		98

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

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