Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081121\
Data File : VW019706.D
Acq On : 11 Aug 2021 10:31
Operator : SY/VA
Sample : VSTD00525
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD005425

Quant Time: Aug 11 18:14:44 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	326301	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.634	117	310380	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	162786	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.361	65	23984	6.294	ug/L		0.00
7) Chloroethane-d5	2.891	69	23669	6.285	ug/L		0.00
11) 1,1-Dichloroethene-d2	4.031	63	43357	5.530	ug/L		0.00
21) 2-Butanone-d5	7.080	46	11256	9.045	ug/L		0.00
24) Chloroform-d	7.653	84	51089	5.179	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.311	65	28127	4.898	ug/L		0.00
32) Benzene-d6	8.275	84	96167	4.680	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.274	67	29365	4.750	ug/L		0.00
41) Toluene-d8	10.323	98	86500	4.614	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.579	79	11621	4.553	ug/L		0.00
47) 2-Hexanone-d5	10.927	63	8788	8.103	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	24784	4.620	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	29786	4.961	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.014	85	22868	6.104	ug/L		100
3) Chloromethane	2.221	50	25380	7.022	ug/L		95
5) Vinyl chloride	2.367	62	32086	6.589	ug/L		93
6) Bromomethane	2.782	94	24628	6.456	ug/L		97
8) Chloroethane	2.928	64	21005	6.414	ug/L		98
9) Trichlorofluoromethane	3.269	101	18369	6.093	ug/L		98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	22060	5.491	ug/L		94
12) 1,1-Dichloroethene	4.050	96	21990	5.624	ug/L		97
13) Acetone	4.123	43	10022	9.797	ug/L		90
14) Carbon disulfide	4.391	76	65656	5.898	ug/L		99
15) Methyl Acetate	4.678	43	9791	5.118	ug/L	#	74
16) Methylene chloride	4.922	84	34906	6.401	ug/L		92
17) trans-1,2-Dichloroethene	5.428	96	23512	5.501	ug/L		93
18) Methyl tert-butyl Ether	5.428	73	31343	5.047	ug/L	#	85
19) 1,1-Dichloroethane	6.220	63	43064	4.794	ug/L		96
20) cis-1,2-Dichloroethene	7.171	96	24753	5.110	ug/L		96
22) 2-Butanone	7.177	43	12256	8.958	ug/L		98
23) Bromochloromethane	7.519	128	11786	5.259	ug/L		85
25) Chloroform	7.683	83	46248	5.027	ug/L		98
27) 1,2-Dichloroethane	8.403	62	30925	4.812	ug/L		97
29) Cyclohexane	7.958	56	31967	4.156	ug/L		98
30) 1,1,1-Trichloroethane	7.878	97	36103	4.543	ug/L		98
31) Carbon tetrachloride	8.073	117	34023	4.639	ug/L		96
33) Benzene	8.329	78	99564	4.629	ug/L		100
34) Trichloroethene	9.092	95	25886	4.854	ug/L		93
35) Methylcyclohexane	9.335	83	40564	4.597	ug/L		98
37) 1,2-Dichloropropane	9.372	63	25368	4.719	ug/L	#	91
38) Bromodichloromethane	9.646	83	32862	4.826	ug/L		98
39) cis-1,3-Dichloropropene	10.073	75	33975	4.142	ug/L		96
40) 4-Methyl-2-pentanone	10.213	43	26192	7.928	ug/L		97
42) Toluene	10.390	91	103558	4.586	ug/L		98
44) trans-1,3-Dichloropropene	10.610	75	30627	4.264	ug/L		96

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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	19608	4.932	ug/L		97
46) Tetrachloroethene	10.866	164	20606	5.139	ug/L		99
48) 2-Hexanone	10.969	43	18064	7.948	ug/L		97
49) Dibromochloromethane	11.128	129	21111	4.792	ug/L		97
50) 1,2-Dibromoethane	11.237	107	17906	4.733	ug/L	#	96
51) Chlorobenzene	11.658	112	68021	4.926	ug/L		97
52) Ethylbenzene	11.731	91	111705	4.720	ug/L		98
53) m,p-Xylene	11.841	106	42301	4.695	ug/L		97
54) o-Xylene	12.164	106	39001	4.485	ug/L		97
55) Styrene	12.182	104	67479	4.519	ug/L		98
57) 1,1,2,2-Tetrachloroethane	12.713	83	23653	4.676	ug/L		96
59) Bromoform	12.347	173	11423	4.617	ug/L		98
60) Isopropylbenzene	12.463	105	104761	4.706	ug/L		100
61) 1,2,3-Trichloropropane	12.768	75	17042	4.629	ug/L		98
62) 1,3,5-Trimethylbenzene	12.944	105	80017	4.316	ug/L		98
63) 1,2,4-Trimethylbenzene	13.249	105	83037	4.294	ug/L		99
64) 1,3-Dichlorobenzene	13.499	146	50221	4.659	ug/L		87
65) 1,4-Dichlorobenzene	13.579	146	54491	5.014	ug/L		96
67) 1,2-Dichlorobenzene	13.871	146	47336	5.002	ug/L		98
68) 1,2-Dibromo-3-chloropr...	14.481	75	3626	5.047	ug/L		85
69) 1,3,5-Trichlorobenzene	14.627	180	38148	5.540	ug/L		98
70) 1,2,4-trichlorobenzene	15.133	180	28122	4.850	ug/L		96
71) Naphthalene	15.365	128	49121	4.358	ug/L		100
72) 1,2,3-Trichlorobenzene	15.554	180	27382	5.339	ug/L		96

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

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