Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042723\
Data File : VW025717.D
Acq On : 27 Apr 2023 09:10
Operator : SY/MD
Sample : VSTD05046
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD050446

Quant Time: Apr 28 02:22:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042723SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Apr 28 02:20:29 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene	8.843	114	689864	25.000	ug/L		0.00
28) Chlorobenzene-d5	11.629	117	611395	25.000	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	296495	25.000	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.368	65	401230	47.679	ug/L		0.00
7) Chloroethane-d5	2.899	69	312531	51.890	ug/L		0.00
11) 1,1-Dichloroethene-d2	4.027	63	926135	48.208	ug/L		0.00
21) 2-Butanone-d5	7.075	46	254328	92.115	ug/L		0.00
24) Chloroform-d	7.648	84	888173	47.992	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.306	65	475200	47.100	ug/L		0.00
32) Benzene-d6	8.276	84	1813596	48.859	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.276	67	573834	47.798	ug/L		0.00
41) Toluene-d8	10.324	98	1641627	50.028	ug/L		0.00
43) trans-1,3-Dichloroprop...	10.574	79	233380	49.880	ug/L		0.00
47) 2-Hexanone-d5	10.922	63	188435	101.051	ug/L		0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	407152	46.013	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	500804	49.301	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.015	85	414584	48.850	ug/L		95
3) Chloromethane	2.228	50	589575	51.093	ug/L		99
5) Vinyl chloride	2.374	62	595286	49.064	ug/L		95
6) Bromomethane	2.789	94	323256	50.359	ug/L		99
8) Chloroethane	2.935	64	337159	54.555	ug/L		99
9) Trichlorofluoromethane	3.265	101	474883	52.072	ug/L		99
10) 1,1,2-Trichloro-1,2,2-...	4.081	101	459297	48.403	ug/L		99
12) 1,1-Dichloroethene	4.045	96	454227	48.876	ug/L		95
13) Acetone	4.118	43	208484	80.996	ug/L		97
14) Carbon disulfide	4.392	76	1603695	49.123	ug/L		99
15) Methyl Acetate	4.667	43	228403	44.842	ug/L		99
16) Methylene chloride	4.917	84	489865	37.815	ug/L		97
17) trans-1,2-Dichloroethene	5.423	96	487542	49.633	ug/L		98
18) Methyl tert-butyl Ether	5.423	73	693687	49.073	ug/L		100
19) 1,1-Dichloroethane	6.215	63	968898	48.398	ug/L		98
20) cis-1,2-Dichloroethene	7.172	96	512266	49.717	ug/L	#	99
22) 2-Butanone	7.166	43	304969	93.446	ug/L		100
23) Bromochloromethane	7.520	128	203618	47.587	ug/L		95
25) Chloroform	7.678	83	892309	48.529	ug/L		99
27) 1,2-Dichloroethane	8.398	62	592240	47.019	ug/L		97
29) Cyclohexane	7.959	56	985502	51.811	ug/L		99
30) 1,1,1-Trichloroethane	7.873	97	729024	49.120	ug/L		98
31) Carbon tetrachloride	8.069	117	660557	48.909	ug/L		95
33) Benzene	8.325	78	2035922	48.794	ug/L		100
34) Trichloroethene	9.093	95	516568	47.930	ug/L		97
35) Methylcyclohexane	9.337	83	969979	50.638	ug/L		99
37) 1,2-Dichloropropane	9.367	63	544751	48.436	ug/L		99
38) Bromodichloromethane	9.641	83	622049	48.922	ug/L		98
39) cis-1,3-Dichloropropene	10.074	75	828805	51.460	ug/L		99
40) 4-Methyl-2-pentanone	10.208	43	650227	95.849	ug/L		99
42) Toluene	10.385	91	2103518	49.416	ug/L		99
44) trans-1,3-Dichloropropene	10.605	75	676243	51.108	ug/L		99

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042723SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Apr 28 02:20:29 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	339838	46.632	ug/L		98
46) Tetrachloroethene	10.861	164	367826	48.193	ug/L		96
48) 2-Hexanone	10.964	43	461893	96.688	ug/L		99
49) Dibromochloromethane	11.129	129	375336	49.724	ug/L		98
50) 1,2-Dibromoethane	11.233	107	317420	47.479	ug/L	#	99
51) Chlorobenzene	11.653	112	1274171	48.639	ug/L		98
52) Ethylbenzene	11.726	91	2398895	50.255	ug/L		99
53) m,p-Xylene	11.836	106	903080	51.247	ug/L		95
54) o-Xylene	12.165	106	848593	51.644	ug/L		98
55) Styrene	12.178	104	1424039	51.124	ug/L		100
57) 1,1,2,2-Tetrachloroethane	12.714	83	410553	45.999	ug/L		96
59) Bromoform	12.348	173	200743	48.865	ug/L		99
60) Isopropylbenzene	12.458	105	2357318	51.767	ug/L		99
61) 1,2,3-Trichloropropane	12.769	75	294603	45.687	ug/L		99
62) 1,3,5-Trimethylbenzene	12.940	105	1910238	53.352	ug/L		97
63) 1,2,4-Trimethylbenzene	13.244	105	1728972	53.459	ug/L		99
64) 1,3-Dichlorobenzene	13.494	146	936040	48.708	ug/L		96
65) 1,4-Dichlorobenzene	13.574	146	960143	49.277	ug/L		91
67) 1,2-Dichlorobenzene	13.866	146	817084	48.192	ug/L		98
68) 1,2-Dibromo-3-chloropr...	14.482	75	64500	43.887	ug/L		89
69) 1,3,5-Trichlorobenzene	14.628	180	592507	47.390	ug/L		97
70) 1,2,4-trichlorobenzene	15.128	180	540708	50.648	ug/L		97
71) Naphthalene	15.360	128	991477	51.996	ug/L		99
72) 1,2,3-Trichlorobenzene	15.549	180	450764	47.836	ug/L		99

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

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