Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100924\
Data File : VW030473.D
Acq On : 09 Oct 2024 14:36
Operator : SY/MD
Sample : VSTD02511
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025411

Quant Time: Oct 10 01:05:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Oct 10 01:03:35 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	352820	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	321831	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	160372	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	122552	22.098	ug/L	0.00
7) Chloroethane-d5	2.899	69	100508	23.942	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	51368	22.270	ug/L	0.00
21) 2-Butanone-d5	7.081	46	44618	44.646	ug/L	0.00
24) Chloroform-d	7.654	84	243163	24.100	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	127256	24.254	ug/L	0.00
32) Benzene-d6	8.276	84	455103	24.364	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	134048	24.450	ug/L	0.00
41) Toluene-d8	10.325	98	438546	25.718	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	57311	24.964	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	35218	49.874	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	98995	24.587	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	136445	25.145	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	115630	25.651	ug/L	100
3) Chloromethane	2.222	50	123227	23.520	ug/L	100
5) Vinyl chloride	2.375	62	155571	24.146	ug/L	100
6) Bromomethane	2.796	94	102489	24.168	ug/L	100
8) Chloroethane	2.942	64	95307	24.198	ug/L	100
9) Trichlorofluoromethane	3.271	101	142285	24.681	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	128371	26.480	ug/L	100
12) 1,1-Dichloroethene	4.045	96	118379	25.008	ug/L	100
13) Acetone	4.118	43	81852	56.993	ug/L	100
14) Carbon disulfide	4.393	76	384293	24.861	ug/L	100
15) Methyl Acetate	4.673	43	44149	24.129	ug/L	100
16) Methylene chloride	4.923	84	121255	22.733	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	127549	24.971	ug/L	100
18) Methyl tert-butyl Ether	5.429	73	177256	24.795	ug/L	100
19) 1,1-Dichloroethane	6.222	63	233145	24.559	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	134879	24.757	ug/L	100
22) 2-Butanone	7.173	43	83111	55.734	ug/L	100
23) Bromochloromethane	7.514	128	57721	24.218	ug/L	100
25) Chloroform	7.679	83	246722	24.320	ug/L	100
27) 1,2-Dichloroethane	8.398	62	162675	24.306	ug/L	100
29) Cyclohexane	7.959	56	203599	25.989	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	207625	24.303	ug/L	100
31) Carbon tetrachloride	8.075	117	188600	24.717	ug/L	100
33) Benzene	8.325	78	530271	25.319	ug/L	100
34) Trichloroethene	9.093	95	143642	24.653	ug/L	100
35) Methylcyclohexane	9.331	83	237802	25.934	ug/L	100
37) 1,2-Dichloropropane	9.368	63	130010	24.819	ug/L	100
38) Bromodichloromethane	9.642	83	170678	24.525	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	201145	25.494	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	125801	50.063	ug/L	100
42) Toluene	10.386	91	582230	26.058	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	167659	25.288	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.788	97	92038	24.346	ug/L	100
46) Tetrachloroethene	10.861	164	109584	25.500	ug/L	100
48) 2-Hexanone	10.965	43	115189	56.054	ug/L	100
49) Dibromochloromethane	11.129	129	102689	24.345	ug/L	100
50) 1,2-Dibromoethane	11.239	107	86448	24.507	ug/L	100
51) Chlorobenzene	11.654	112	352054	24.477	ug/L	100
52) Ethylbenzene	11.727	91	655300	25.703	ug/L	100
53) m,p-Xylene	11.837	106	245080	25.659	ug/L	100
54) o-Xylene	12.166	106	230548	26.108	ug/L	100
55) Styrene	12.178	104	397482	26.330	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	105279	24.695	ug/L	100
59) Bromoform	12.349	173	56135	24.914	ug/L	100
60) Isopropylbenzene	12.458	105	646775	26.042	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	73734	23.628	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	517348	26.404	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	509990	26.584	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	259583	24.012	ug/L	100
65) 1,4-Dichlorobenzene	13.574	146	279487	25.039	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	237610	24.978	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.482	75	15994	22.979	ug/L	100
69) 1,3,5-Trichlorobenzene	14.623	180	174469	24.474	ug/L	100
70) 1,2,4-trichlorobenzene	15.129	180	144639	25.204	ug/L	100
71) Naphthalene	15.360	128	249283	25.142	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	125553	25.236	ug/L	100

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

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