Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101424\
Data File : VW030597.D
Acq On : 14 Oct 2024 18:43
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025520

Quant Time: Oct 15 01:13:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Oct 15 01:09:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	298862	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	280137	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	139800	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	89961	19.150	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 76.600%			
7) Chloroethane-d5	2.899	69	79593	22.383	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.520%			
11) 1,1-Dichloroethene-d2	4.021	65	40065	20.505	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 82.040%			
21) 2-Butanone-d5	7.081	46	42619	50.413	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 100.820%			
24) Chloroform-d	7.648	84	204102	23.880	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.520%			
26) 1,2-Dichloroethane-d4	8.307	65	103733	23.340	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.360%			
32) Benzene-d6	8.276	84	366545	22.544	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 90.160%			
36) 1,2-Dichloropropane-d6	9.276	67	111362	23.336	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 93.360%			
41) Toluene-d8	10.325	98	332811	22.423	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 89.680%			
43) trans-1,3-Dichloroprop...	10.581	79	47027	23.534	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 94.120%			
47) 2-Hexanone-d5	10.922	63	33509	54.517	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 109.040%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	90220	25.743	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 102.960%			
66) 1,2-Dichlorobenzene-d4	13.848	152	115583	24.435	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.720%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	82593	21.630	ug/L	99
3) Chloromethane	2.222	50	96759	21.803	ug/L	98
5) Vinyl chloride	2.375	62	127046	23.279	ug/L	97
6) Bromomethane	2.796	94	87033	24.228	ug/L	99
8) Chloroethane	2.942	64	82108	24.611	ug/L	94
9) Trichlorofluoromethane	3.271	101	112947	23.129	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	106334	24.202	ug/L	99
12) 1,1-Dichloroethene	4.045	96	94702	23.618	ug/L	93
13) Acetone	4.125	43	47856	38.666	ug/L	97
14) Carbon disulfide	4.393	76	281585	21.505	ug/L	100
15) Methyl Acetate	4.673	43	36838	24.095	ug/L	98
16) Methylene chloride	4.923	84	106676	23.610	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	104853	24.234	ug/L	98
18) Methyl tert-butyl Ether	5.435	73	165254	27.290	ug/L	99
19) 1,1-Dichloroethane	6.222	63	198830	24.726	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	116986	25.349	ug/L	95
22) 2-Butanone	7.167	43	53521	40.117	ug/L	95
23) Bromochloromethane	7.514	128	50344	24.936	ug/L	96
25) Chloroform	7.679	83	213695	24.867	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.404	62	137288	24.216	ug/L		100
29) Cyclohexane	7.959	56	164179	24.076	ug/L		99
30) 1,1,1-Trichloroethane	7.880	97	177044	23.807	ug/L		99
31) Carbon tetrachloride	8.069	117	155080	23.349	ug/L		100
33) Benzene	8.325	78	448183	24.585	ug/L		100
34) Trichloroethene	9.093	95	121407	23.938	ug/L		98
35) Methylcyclohexane	9.337	83	193229	24.209	ug/L		98
37) 1,2-Dichloropropane	9.367	63	113297	24.884	ug/L		100
38) Bromodichloromethane	9.642	83	149875	24.741	ug/L		98
39) cis-1,3-Dichloropropene	10.075	75	176768	25.739	ug/L		97
40) 4-Methyl-2-pentanone	10.209	43	111824	51.124	ug/L		99
42) Toluene	10.386	91	488324	25.108	ug/L		96
44) trans-1,3-Dichloropropene	10.605	75	146395	25.367	ug/L		100
45) 1,1,2-Trichloroethane	10.788	97	83997	25.526	ug/L		97
46) Tetrachloroethene	10.867	164	92644	24.767	ug/L		89
48) 2-Hexanone	10.965	43	79580	44.489	ug/L		98
49) Dibromochloromethane	11.129	129	93255	25.399	ug/L		93
50) 1,2-Dibromoethane	11.233	107	77525	25.248	ug/L		98
51) Chlorobenzene	11.654	112	316091	25.247	ug/L		98
52) Ethylbenzene	11.727	91	567645	25.579	ug/L		98
53) m,p-Xylene	11.837	106	210401	25.306	ug/L		97
54) o-Xylene	12.160	106	203990	26.539	ug/L		100
55) Styrene	12.178	104	347887	26.475	ug/L		100
57) 1,1,2,2-Tetrachloroethane	12.708	83	90902	24.497	ug/L		95
59) Bromoform	12.349	173	51708	26.326	ug/L		96
60) Isopropylbenzene	12.458	105	576287	26.619	ug/L		99
61) 1,2,3-Trichloropropane	12.763	75	64716	23.789	ug/L		98
62) 1,3,5-Trimethylbenzene	12.940	105	469930	27.513	ug/L		100
63) 1,2,4-Trimethylbenzene	13.245	105	457856	27.379	ug/L		98
64) 1,3-Dichlorobenzene	13.495	146	254674	27.025	ug/L		93
65) 1,4-Dichlorobenzene	13.574	146	249700	25.662	ug/L		97
67) 1,2-Dichlorobenzene	13.867	146	216263	26.080	ug/L		95
68) 1,2-Dibromo-3-chloropr...	14.482	75	13963	23.020	ug/L	#	79
69) 1,3,5-Trichlorobenzene	14.623	180	172848	27.815	ug/L		94
70) 1,2,4-trichlorobenzene	15.129	180	138329	27.651	ug/L		98
71) Naphthalene	15.360	128	240261	27.798	ug/L		99
72) 1,2,3-Trichlorobenzene	15.549	180	116361	26.830	ug/L		99

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

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