Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101824\
Data File : VW030674.D
Acq On : 18 Oct 2024 19:04
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025528

Quant Time: Oct 19 02:41:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Oct 19 00:23:37 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	267519	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	248028	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	124524	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	84221	20.029	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 80.120%			
7) Chloroethane-d5	2.899	69	76175	23.932	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.720%			
11) 1,1-Dichloroethene-d2	4.027	65	37234	21.289	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 85.160%			
21) 2-Butanone-d5	7.075	46	42847	56.620	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 113.240%			
24) Chloroform-d	7.655	84	202948	26.527	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 106.120%			
26) 1,2-Dichloroethane-d4	8.307	65	103737	26.076	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.320%			
32) Benzene-d6	8.276	84	364569	25.325	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.320%			
36) 1,2-Dichloropropane-d6	9.276	67	112585	26.646	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 106.600%			
41) Toluene-d8	10.325	98	322692	24.555	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 98.240%			
43) trans-1,3-Dichloroprop...	10.575	79	43952	24.842	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 99.360%			
47) 2-Hexanone-d5	10.922	63	32687	60.064	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 120.120%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	87798	28.295	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 113.160%			
66) 1,2-Dichlorobenzene-d4	13.849	152	112881	26.791	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 107.160%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	67916	19.871	ug/L	98
3) Chloromethane	2.223	50	92126	23.191	ug/L	99
5) Vinyl chloride	2.375	62	118448	24.246	ug/L	98
6) Bromomethane	2.796	94	82458	25.644	ug/L	98
8) Chloroethane	2.936	64	76743	25.698	ug/L	96
9) Trichlorofluoromethane	3.271	101	101514	23.223	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	96208	24.463	ug/L #	71
12) 1,1-Dichloroethene	4.045	96	88283	24.597	ug/L	92
13) Acetone	4.125	43	36225	32.697	ug/L	96
14) Carbon disulfide	4.387	76	259299	22.123	ug/L	100
15) Methyl Acetate	4.673	43	35352	25.832	ug/L	99
16) Methylene chloride	4.923	84	101243	25.033	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	98100	25.330	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	153947	28.402	ug/L	100
19) 1,1-Dichloroethane	6.222	63	198029	27.511	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	110833	26.830	ug/L	97
22) 2-Butanone	7.173	43	47588	39.849	ug/L	97
23) Bromochloromethane	7.514	128	46755	25.872	ug/L	96
25) Chloroform	7.679	83	210709	27.392	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	130286	25.674	ug/L		100
29) Cyclohexane	7.959	56	149349	24.737	ug/L		98
30) 1,1,1-Trichloroethane	7.874	97	173636	26.372	ug/L		98
31) Carbon tetrachloride	8.069	117	143719	24.439	ug/L		98
33) Benzene	8.325	78	434314	26.908	ug/L		100
34) Trichloroethene	9.093	95	113564	25.290	ug/L		97
35) Methylcyclohexane	9.337	83	163925	23.196	ug/L		100
37) 1,2-Dichloropropane	9.368	63	110933	27.519	ug/L		100
38) Bromodichloromethane	9.642	83	145643	27.155	ug/L		98
39) cis-1,3-Dichloropropene	10.069	75	161334	26.533	ug/L		96
40) 4-Methyl-2-pentanone	10.209	43	104173	53.791	ug/L		98
42) Toluene	10.386	91	462478	26.858	ug/L		95
44) trans-1,3-Dichloropropene	10.605	75	136554	26.725	ug/L		100
45) 1,1,2-Trichloroethane	10.782	97	77144	26.479	ug/L		97
46) Tetrachloroethene	10.861	164	81702	24.669	ug/L		92
48) 2-Hexanone	10.965	43	73499	46.409	ug/L		98
49) Dibromochloromethane	11.130	129	86317	26.552	ug/L		92
50) 1,2-Dibromoethane	11.233	107	70161	25.808	ug/L		96
51) Chlorobenzene	11.654	112	284836	25.696	ug/L		97
52) Ethylbenzene	11.727	91	528929	26.919	ug/L		99
53) m,p-Xylene	11.837	106	199036	27.039	ug/L		96
54) o-Xylene	12.166	106	189286	27.814	ug/L		94
55) Styrene	12.178	104	320349	27.535	ug/L		99
57) 1,1,2,2-Tetrachloroethane	12.715	83	87189	26.538	ug/L		95
59) Bromoform	12.343	173	45772	26.162	ug/L		98
60) Isopropylbenzene	12.459	105	519240	26.926	ug/L		100
61) 1,2,3-Trichloropropane	12.763	75	60558	24.992	ug/L		99
62) 1,3,5-Trimethylbenzene	12.940	105	416334	27.366	ug/L		99
63) 1,2,4-Trimethylbenzene	13.245	105	420460	28.227	ug/L		99
64) 1,3-Dichlorobenzene	13.495	146	219416	26.140	ug/L		94
65) 1,4-Dichlorobenzene	13.574	146	216697	25.002	ug/L		93
67) 1,2-Dichlorobenzene	13.867	146	198032	26.811	ug/L		90
68) 1,2-Dibromo-3-chloropr...	14.483	75	13013	24.085	ug/L	#	83
69) 1,3,5-Trichlorobenzene	14.623	180	137225	24.791	ug/L		93
70) 1,2,4-trichlorobenzene	15.123	180	105458	23.666	ug/L		93
71) Naphthalene	15.360	128	205828	26.736	ug/L		100
72) 1,2,3-Trichlorobenzene	15.549	180	96268	24.920	ug/L		99

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

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