Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071524\
Data File : VW029583.D
Acq On : 15 Jul 2024 18:26
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025538

Quant Time: Jul 16 00:03:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Jul 15 23:59:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	248722	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	240044	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	113919	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	73062	18.184	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 72.720%			
7) Chloroethane-d5	2.893	69	59224	20.471	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 81.880%			
11) 1,1-Dichloroethene-d2	4.021	65	37538	20.805	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 83.240%			
21) 2-Butanone-d5	7.081	46	64718	53.658	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 107.320%			
24) Chloroform-d	7.648	84	180816	25.147	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.600%			
26) 1,2-Dichloroethane-d4	8.307	65	112253	26.616	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.480%			
32) Benzene-d6	8.270	84	345549	24.030	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.120%			
36) 1,2-Dichloropropane-d6	9.270	67	114863	24.982	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.920%			
41) Toluene-d8	10.325	98	307211	24.292	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.160%			
43) trans-1,3-Dichloroprop...	10.581	79	43395	22.288	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 89.160%			
47) 2-Hexanone-d5	10.922	63	46072	55.145	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 110.280%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	97456	26.107	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 104.440%			
66) 1,2-Dichlorobenzene-d4	13.848	152	100407	25.309	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 101.240%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.009	85	36907	15.154	ug/L	89
3) Chloromethane	2.223	50	68771	21.104	ug/L	95
5) Vinyl chloride	2.375	62	72753	19.564	ug/L	94
6) Bromomethane	2.783	94	46406	21.076	ug/L	98
8) Chloroethane	2.930	64	50383	22.018	ug/L	96
9) Trichlorofluoromethane	3.259	101	64833	19.368	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.058	101	68926	20.923	ug/L	97
12) 1,1-Dichloroethene	4.039	96	69087	22.336	ug/L	83
13) Acetone	4.125	43	35872	29.467	ug/L	96
14) Carbon disulfide	4.399	76	201910	20.101	ug/L	98
15) Methyl Acetate	4.673	43	53290	24.933	ug/L	100
16) Methylene chloride	4.923	84	85134	19.119	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	80125	23.400	ug/L	93
18) Methyl tert-butyl Ether	5.429	73	155351	26.666	ug/L	99
19) 1,1-Dichloroethane	6.216	63	178051	25.320	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	95856	25.601	ug/L	95
22) 2-Butanone	7.173	43	69193	43.295	ug/L	100
23) Bromochloromethane	7.514	128	41941	24.903	ug/L	95
25) Chloroform	7.679	83	176264	25.906	ug/L	99

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Quant Title : SFAM01.0
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	134415	26.339	ug/L	97
29) Cyclohexane	7.953	56	139701	23.372	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	124954	22.795	ug/L	97
31) Carbon tetrachloride	8.069	117	111611	22.233	ug/L	99
33) Benzene	8.319	78	368533	24.538	ug/L	100
34) Trichloroethene	9.093	95	96273	24.274	ug/L	92
35) Methylcyclohexane	9.337	83	145894	22.886	ug/L	99
37) 1,2-Dichloropropane	9.368	63	107314	25.839	ug/L	100
38) Bromodichloromethane	9.642	83	129623	25.552	ug/L	96
39) cis-1,3-Dichloropropene	10.075	75	152528	24.452	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	165079	56.399	ug/L	100
42) Toluene	10.386	91	389669	25.361	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	127752	23.895	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	74639	24.989	ug/L	98
46) Tetrachloroethene	10.861	164	68604	24.347	ug/L	91
48) 2-Hexanone	10.965	43	113864	51.781	ug/L	98
49) Dibromochloromethane	11.129	129	78188	25.154	ug/L	97
50) 1,2-Dibromoethane	11.233	107	71055	24.963	ug/L	98
51) Chlorobenzene	11.654	112	241699	24.334	ug/L	96
52) Ethylbenzene	11.727	91	448990	25.793	ug/L	99
53) m,p-Xylene	11.837	106	163934	25.653	ug/L	97
54) o-Xylene	12.160	106	156356	26.454	ug/L	98
55) Styrene	12.178	104	279621	26.904	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.715	83	96212	25.536	ug/L	93
59) Bromoform	12.349	173	45884	26.093	ug/L	92
60) Isopropylbenzene	12.458	105	418543	26.112	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	73136	26.527	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	320218	28.085	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	351820	27.958	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	179134	24.933	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	186508	25.339	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	169925	26.164	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	17137	26.000	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	118100	25.197	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	107490	26.064	ug/L	100
71) Naphthalene	15.360	128	246383	28.464	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	97179	25.935	ug/L	100

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

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