Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100722\
Data File : VW024771.D
Acq On : 07 Oct 2022 08:38
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025588

Quant Time: Oct 07 23:17:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092622SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Oct 07 03:04:02 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	503823	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	455682	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	222065	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	132914	25.215	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.840%			
7) Chloroethane-d5	2.885	69	80213	26.186	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 104.760%			
11) 1,1-Dichloroethene-d2	4.019	63	304622	24.968	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 99.880%			
21) 2-Butanone-d5	7.074	46	114709	60.527	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 121.060%			
24) Chloroform-d	7.647	84	368706	27.374	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 109.480%			
26) 1,2-Dichloroethane-d4	8.305	65	187019	26.766	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.080%			
32) Benzene-d6	8.269	84	714045	24.516	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 98.080%			
36) 1,2-Dichloropropane-d6	9.268	67	228281	25.653	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 102.600%			
41) Toluene-d8	10.323	98	619229	23.788	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 95.160%			
43) trans-1,3-Dichloroprop...	10.579	79	86045	21.712	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 86.840%			
47) 2-Hexanone-d5	10.921	63	85821	56.366	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 112.740%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	186633	29.434	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 117.720%			
66) 1,2-Dichlorobenzene-d4	13.853	152	195173	24.977	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.920%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	77548	25.070	ug/L	90
3) Chloromethane	2.215	50	136673	22.690	ug/L	98
5) Vinyl chloride	2.361	62	194059	31.333	ug/L	99
6) Bromomethane	2.776	94	91999	32.186	ug/L	94
8) Chloroethane	2.922	64	77756	29.779	ug/L	99
9) Trichlorofluoromethane	3.257	101	90089	26.000	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	194157	29.380	ug/L #	77
12) 1,1-Dichloroethene	4.038	96	188962	28.670	ug/L	94
13) Acetone	4.123	43	90322	65.322	ug/L	98
14) Carbon disulfide	4.385	76	577960	27.777	ug/L	99
15) Methyl Acetate	4.666	43	88384	28.867	ug/L	97
16) Methylene chloride	4.916	84	197851	19.996	ug/L	100
17) trans-1,2-Dichloroethene	5.422	96	203748	27.513	ug/L	98
18) Methyl tert-butyl Ether	5.422	73	296590	25.259	ug/L	100
19) 1,1-Dichloroethane	6.214	63	380547	27.467	ug/L	96
20) cis-1,2-Dichloroethene	7.165	96	220284	27.723	ug/L	97
22) 2-Butanone	7.171	43	132605	59.957	ug/L	99
23) Bromochloromethane	7.513	128	89170	27.612	ug/L	95
25) Chloroform	7.671	83	373665	28.441	ug/L	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27)	1,2-Dichloroethane	8.397	62	233502	28.245	ug/L	99
29)	Cyclohexane	7.952	56	369375	26.025	ug/L	100
30)	1,1,1-Trichloroethane	7.866	97	289512	26.256	ug/L	99
31)	Carbon tetrachloride	8.061	117	249547	26.725	ug/L	100
33)	Benzene	8.323	78	855656	26.828	ug/L	100
34)	Trichloroethene	9.092	95	215413	26.648	ug/L	96
35)	Methylcyclohexane	9.329	83	391186	26.398	ug/L	99
37)	1,2-Dichloropropane	9.366	63	217452	27.618	ug/L	100
38)	Bromodichloromethane	9.640	83	263242	27.179	ug/L	98
39)	cis-1,3-Dichloropropene	10.067	75	321351	25.809	ug/L	99
40)	4-Methyl-2-pentanone	10.207	43	253919	54.483	ug/L	99
42)	Toluene	10.384	91	894119	27.147	ug/L	99
44)	trans-1,3-Dichloropropene	10.604	75	264870	24.812	ug/L	96
45)	1,1,2-Trichloroethane	10.786	97	150110	27.911	ug/L	99
46)	Tetrachloroethene	10.860	164	143563	26.138	ug/L	89
48)	2-Hexanone	10.969	43	182138	57.795	ug/L	100
49)	Dibromochloromethane	11.128	129	164499	27.163	ug/L	99
50)	1,2-Dibromoethane	11.231	107	139229	27.350	ug/L	96
51)	Chlorobenzene	11.652	112	545222	27.037	ug/L	98
52)	Ethylbenzene	11.725	91	1003056	27.649	ug/L	98
53)	m,p-Xylene	11.841	106	380851	26.884	ug/L	92
54)	o-Xylene	12.164	106	362530	27.100	ug/L	98
55)	Styrene	12.176	104	625252	27.725	ug/L	97
57)	1,1,2,2-Tetrachloroethane	12.713	83	181492	28.821	ug/L	99
59)	Bromoform	12.347	173	77683	24.748	ug/L	97
60)	Isopropylbenzene	12.463	105	981629	27.122	ug/L	99
61)	1,2,3-Trichloropropane	12.768	75	131222	27.432	ug/L	98
62)	1,3,5-Trimethylbenzene	12.938	105	847215	26.932	ug/L	99
63)	1,2,4-Trimethylbenzene	13.243	105	847440	27.499	ug/L	99
64)	1,3-Dichlorobenzene	13.499	146	395793	26.918	ug/L	93
65)	1,4-Dichlorobenzene	13.573	146	395357	27.621	ug/L	94
67)	1,2-Dichlorobenzene	13.865	146	353401	27.594	ug/L	98
68)	1,2-Dibromo-3-chloropr...	14.481	75	28147	24.883	ug/L	99
69)	1,3,5-Trichlorobenzene	14.621	180	252147	25.827	ug/L	99
70)	1,2,4-trichlorobenzene	15.127	180	213093	25.981	ug/L	97
71)	Naphthalene	15.359	128	461272	25.829	ug/L	99
72)	1,2,3-Trichlorobenzene	15.554	180	169371	24.264	ug/L	97

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

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