Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091024\
Data File : EC01.D
Acq On : 10 Sep 2024 15:12
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025484

Quant Time: Sep 11 10:10:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Sep 11 01:35:57 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.849	114	406	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.629	117	610	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	786	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	58	9.600	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 38.400%			
7) Chloroethane-d5	3.051	69	46	10.727	ug/L	0.15
Spiked Amount 25.000	Range 30 - 150		Recovery = 42.920%			
11) 1,1-Dichloroethene-d2	4.112	65	38	14.721	ug/L	0.10
Spiked Amount 25.000	Range 45 - 110		Recovery = 58.880%			
21) 2-Butanone-d5	0.000	46	0	0.000	ug/L	
Spiked Amount 50.000	Range 20 - 135		Recovery = 0.000%#			
24) Chloroform-d	0.000	84	0	0.000	ug/L	
Spiked Amount 25.000	Range 40 - 150		Recovery = 0.000%#			
26) 1,2-Dichloroethane-d4	8.319	65	166	29.859	ug/L	0.01
Spiked Amount 25.000	Range 70 - 130		Recovery = 119.440%			
32) Benzene-d6	8.252	84	44	1.222	ug/L	-0.02
Spiked Amount 25.000	Range 20 - 135		Recovery = 4.880%#			
36) 1,2-Dichloropropane-d6	0.000	67	0	0.000	ug/L	
Spiked Amount 25.000	Range 70 - 120		Recovery = 0.000%#			
41) Toluene-d8	10.331	98	322	9.825	ug/L	0.01
Spiked Amount 25.000	Range 30 - 130		Recovery = 39.320%			
43) trans-1,3-Dichloroprop...	0.000	79	0	0.000	ug/L	
Spiked Amount 25.000	Range 30 - 135		Recovery = 0.000%#			
47) 2-Hexanone-d5	0.000	63	0	0.000	ug/L	
Spiked Amount 50.000	Range 20 - 135		Recovery = 0.000%#			
56) 1,1,2,2-Tetrachloroeth...	0.000	84	0	0.000	ug/L	
Spiked Amount 25.000	Range 45 - 120		Recovery = 0.000%#			
66) 1,2-Dichlorobenzene-d4	13.854	152	425	14.949	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 59.800%#			
Target Compounds						Qvalue
3) Chloromethane	2.222	50	154	28.370	ug/L #	44
6) Bromomethane	2.930	94	41	10.283	ug/L #	5
8) Chloroethane	2.942	64	131	35.432	ug/L #	44
12) 1,1-Dichloroethene	4.063	96	75	14.411	ug/L #	1
13) Acetone	4.137	43	1736m	1575.897	ug/L	
14) Carbon disulfide	4.374	76	124	7.681	ug/L #	77
15) Methyl Acetate	4.454	43	82	38.179	ug/L #	50
16) Methylene chloride	4.923	84	8694m	1296.271	ug/L	
22) 2-Butanone	7.173	43	70	44.407	ug/L #	45
25) Chloroform	7.685	83	351	32.085	ug/L #	66
27) 1,2-Dichloroethane	8.404	62	64	9.140	ug/L #	74
33) Benzene	8.319	78	64	1.638	ug/L	100
38) Bromodichloromethane	9.886	83	234	18.739	ug/L #	1
40) 4-Methyl-2-pentanone	10.239	43	334	67.797	ug/L #	40
42) Toluene	10.379	91	161	3.868	ug/L #	23
44) trans-1,3-Dichloropropene	10.623	75	53	4.300	ug/L #	1
46) Tetrachloroethene	10.861	164	54	6.761	ug/L #	68
48) 2-Hexanone	10.989	43	102	29.124	ug/L #	33
51) Chlorobenzene	11.654	112	168	6.313	ug/L #	73

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Ethylbenzene	11.727	91	165	3.499	ug/L	#	43
54) o-Xylene	12.160	106	52	3.078	ug/L		61
55) Styrene	12.196	104	107	3.781	ug/L		86
57) 1,1,2,2-Tetrachloroethane	12.708	83	43	5.264	ug/L	#	26
60) Isopropylbenzene	12.464	105	230	1.834	ug/L	#	1
61) 1,2,3-Trichloropropane	12.769	75	80	5.006	ug/L	#	13
62) 1,3,5-Trimethylbenzene	12.940	105	250	2.681	ug/L		95
63) 1,2,4-Trimethylbenzene	12.940	105	250	2.544	ug/L		99
64) 1,3-Dichlorobenzene	13.495	146	434	8.119	ug/L	#	76
65) 1,4-Dichlorobenzene	13.574	146	609	11.277	ug/L		86
67) 1,2-Dichlorobenzene	13.860	146	454	9.494	ug/L	#	70
69) 1,3,5-Trichlorobenzene	14.623	180	390	11.174	ug/L	#	85
70) 1,2,4-trichlorobenzene	15.129	180	741	24.530	ug/L	#	96
71) Naphthalene	15.360	128	2296	39.804	ug/L	#	94
72) 1,2,3-Trichlorobenzene	15.549	180	736	27.758	ug/L		94

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

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