Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081823\
Data File : VW026762.D
Acq On : 18 Aug 2023 09:18
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025585

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/22/2023
Supervised By :Mahesh Dadoda 08/22/2023

Quant Time: Aug 18 23:37:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081023SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Aug 18 01:33:38 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	8.843	114	421154	25.000 ug/L	0.00
28) Chlorobenzene-d5	11.629	117	407261	25.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	241066	25.000 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	2.369	65	132119	19.083 ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 76.320%		
7) Chloroethane-d5	2.893	69	115626	22.460 ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.840%		
11) 1,1-Dichloroethene-d2	4.027	65	77783	22.843 ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 91.360%		
21) 2-Butanone-d5	7.075	46	90599	45.530 ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 91.060%		
24) Chloroform-d	7.648	84	399264	28.246 ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 113.000%		
26) 1,2-Dichloroethane-d4	8.307	65	218613	28.025 ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 112.120%		
32) Benzene-d6	8.276	84	766392	27.305 ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 109.200%		
36) 1,2-Dichloropropane-d6	9.276	67	234651	26.839 ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 107.360%		
41) Toluene-d8	10.325	98	683355	28.362 ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 113.440%		
43) trans-1,3-Dichloroprop...	10.574	79	99614	27.595 ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 110.400%		
47) 2-Hexanone-d5	10.922	63	49154	53.505 ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 107.000%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	200418	29.027 ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 116.120%		
66) 1,2-Dichlorobenzene-d4	13.848	152	236759	27.440 ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 109.760%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.015	85	158257m	27.638 ug/L	
3) Chloromethane	2.228	50	163558	20.889 ug/L	99
5) Vinyl chloride	2.375	62	175280	23.417 ug/L	96
6) Bromomethane	2.789	94	107973	24.759 ug/L	96
8) Chloroethane	2.930	64	109198	24.348 ug/L	99
9) Trichlorofluoromethane	3.265	101	161461	26.285 ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	181797	27.398 ug/L	97
12) 1,1-Dichloroethene	4.045	96	165621	26.606 ug/L	95
13) Acetone	4.124	43	101113	51.105 ug/L	96
14) Carbon disulfide	4.393	76	560545	25.030 ug/L	98
15) Methyl Acetate	4.667	43	87250	22.015 ug/L	97
16) Methylene chloride	4.917	84	179463	22.029 ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	183308	26.389 ug/L	95
18) Methyl tert-butyl Ether	5.423	73	258923	24.635 ug/L	99
19) 1,1-Dichloroethane	6.216	63	368017	25.741 ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	192530	25.786 ug/L	96
22) 2-Butanone	7.173	43	128304	44.003 ug/L	97
23) Bromochloromethane	7.514	128	82730	25.650 ug/L	94
25) Chloroform	7.673	83	356823	25.834 ug/L	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27)	1,2-Dichloroethane	8.398	62	252307	26.185	ug/L	100
29)	Cyclohexane	7.959	56	325601	25.853	ug/L	97
30)	1,1,1-Trichloroethane	7.868	97	299137	28.144	ug/L	100
31)	Carbon tetrachloride	8.069	117	276575	28.459	ug/L	96
33)	Benzene	8.325	78	804418	27.123	ug/L	100
34)	Trichloroethene	9.093	95	199698	26.438	ug/L	96
35)	Methylcyclohexane	9.337	83	357168	27.640	ug/L	98
37)	1,2-Dichloropropane	9.367	63	213706	26.307	ug/L	99
38)	Bromodichloromethane	9.642	83	256738	26.941	ug/L	97
39)	cis-1,3-Dichloropropene	10.075	75	317926	27.205	ug/L	95
40)	4-Methyl-2-pentanone	10.209	43	248140	46.960	ug/L	99
42)	Toluene	10.386	91	838344	27.943	ug/L	98
44)	trans-1,3-Dichloropropene	10.605	75	275193	27.358	ug/L	95
45)	1,1,2-Trichloroethane	10.788	97	147791	26.601	ug/L	96
46)	Tetrachloroethene	10.861	164	154863	28.220	ug/L	95
48)	2-Hexanone	10.965	43	184882	51.419	ug/L	98
49)	Dibromochloromethane	11.129	129	160924	27.694	ug/L	95
50)	1,2-Dibromoethane	11.233	107	131159	25.160	ug/L	95
51)	Chlorobenzene	11.654	112	514902	27.170	ug/L	99
52)	Ethylbenzene	11.727	91	965236	28.690	ug/L	100
53)	m,p-Xylene	11.836	106	360383	28.914	ug/L	94
54)	o-Xylene	12.166	106	339547	29.189	ug/L	95
55)	Styrene	12.178	104	610497	30.184	ug/L	100
57)	1,1,2,2-Tetrachloroethane	12.708	83	178830	25.416	ug/L	99
59)	Bromoform	12.349	173	92203	24.416	ug/L	96
60)	Isopropylbenzene	12.464	105	956302	26.682	ug/L	99
61)	1,2,3-Trichloropropane	12.763	75	132188	22.606	ug/L	100
62)	1,3,5-Trimethylbenzene	12.940	105	768032	27.111	ug/L	97
63)	1,2,4-Trimethylbenzene	13.245	105	775154	27.923	ug/L	98
64)	1,3-Dichlorobenzene	13.495	146	410247	26.320	ug/L	98
65)	1,4-Dichlorobenzene	13.574	146	408946	25.140	ug/L	94
67)	1,2-Dichlorobenzene	13.867	146	362060	25.544	ug/L	97
68)	1,2-Dibromo-3-chloropr...	14.476	75	29728	21.088	ug/L	88
69)	1,3,5-Trichlorobenzene	14.623	180	267165	25.370	ug/L	99
70)	1,2,4-trichlorobenzene	15.129	180	215197	24.102	ug/L	99
71)	Naphthalene	15.360	128	401045	23.548	ug/L	100
72)	1,2,3-Trichlorobenzene	15.549	180	195346	24.257	ug/L	98

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

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