Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050423\
Data File : VW025850.D
Acq On : 04 May 2023 16:58
Operator : SY/MD
Sample : 02574-18MSD
Misc : 6.02g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 04 23:20:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050123SMA.M
Quant Title : SFAM01.0
QLast Update : Thu May 04 23:16:54 2023
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
DCCQ0MSD

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt

05/05/2023
Supervised By :Mahesh Dadoda

05/07/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	597874	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	541643	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	265798	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	216397	25.542	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.160%			
7) Chloroethane-d5	2.893	69	162628	25.892	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.560%			
11) 1,1-Dichloroethene-d2	4.021	65	100836	23.769	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 95.080%			
21) 2-Butanone-d5	7.075	46	162077	57.867	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 115.740%			
24) Chloroform-d	7.648	84	411821	23.888	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.560%			
26) 1,2-Dichloroethane-d4	8.307	65	236061	24.215	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.840%			
32) Benzene-d6	8.276	84	835445	23.605	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 94.440%			
36) 1,2-Dichloropropane-d6	9.270	67	269570	23.806	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 95.240%			
41) Toluene-d8	10.325	98	744259	23.583	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.320%			
43) trans-1,3-Dichloroprop...	10.575	79	109717	23.903	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 95.600%			
47) 2-Hexanone-d5	10.922	63	113906	58.990	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 117.980%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	232201	26.903	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 107.600%			
66) 1,2-Dichlorobenzene-d4	13.849	152	229661	23.702	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 94.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	121520	18.193	ug/L	98
3) Chloromethane	2.223	50	188940	19.184	ug/L	99
5) Vinyl chloride	2.375	62	200660	19.684	ug/L	98
6) Bromomethane	2.790	94	103985	18.755	ug/L	95
8) Chloroethane	2.930	64	111681	19.267	ug/L	96
9) Trichlorofluoromethane	3.265	101	142693	18.548	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	156594	18.716	ug/L	98
12) 1,1-Dichloroethene	4.039	96	149253m	18.666	ug/L	
13) Acetone	4.119	43	253396	102.031	ug/L	99
14) Carbon disulfide	4.393	76	499235	18.462	ug/L	99
15) Methyl Acetate	4.673	43	106250	21.710	ug/L	100
16) Methylene chloride	4.917	84	189405	15.361	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	159433	18.277	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	266182	20.105	ug/L	99
19) 1,1-Dichloroethane	6.216	63	330074	18.417	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	170884	18.260	ug/L	98
22) 2-Butanone	7.173	43	154154	44.953	ug/L	99
23) Bromochloromethane	7.514	128	74175	18.709	ug/L	98
25) Chloroform	7.673	83	306853	18.629	ug/L	99

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Quant Title : SFAM01.0
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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27)	1,2-Dichloroethane	8.398	62	224224	19.168	ug/L	98
29)	Cyclohexane	7.959	56	305759	18.216	ug/L	99
30)	1,1,1-Trichloroethane	7.874	97	243087	18.351	ug/L	99
31)	Carbon tetrachloride	8.069	117	223205	18.724	ug/L	98
33)	Benzene	8.325	78	694508	18.533	ug/L	100
34)	Trichloroethene	9.093	95	172948	17.985	ug/L	98
35)	Methylcyclohexane	9.337	83	301265	17.615	ug/L	99
37)	1,2-Dichloropropane	9.368	63	190842	18.588	ug/L	100
38)	Bromodichloromethane	9.642	83	217053	18.427	ug/L	98
39)	cis-1,3-Dichloropropene	10.069	75	278772	18.515	ug/L	98
40)	4-Methyl-2-pentanone	10.209	43	295641	44.239	ug/L	99
42)	Toluene	10.386	91	707616	18.480	ug/L	95
44)	trans-1,3-Dichloropropene	10.605	75	236565	18.962	ug/L	100
45)	1,1,2-Trichloroethane	10.788	97	133426	19.428	ug/L	97
46)	Tetrachloroethene	10.861	164	123347	18.233	ug/L	96
48)	2-Hexanone	10.965	43	214452	44.795	ug/L	99
49)	Dibromochloromethane	11.123	129	135861	19.108	ug/L	97
50)	1,2-Dibromoethane	11.233	107	124537	19.670	ug/L	95
51)	Chlorobenzene	11.654	112	432798	18.246	ug/L	97
52)	Ethylbenzene	11.727	91	796289	18.488	ug/L	100
53)	m,p-Xylene	11.837	106	297251	18.751	ug/L	88
54)	o-Xylene	12.160	106	278279	18.624	ug/L	99
55)	Styrene	12.178	104	491822	19.231	ug/L	97
57)	1,1,2,2-Tetrachloroethane	12.715	83	179272	20.920	ug/L	97
59)	Bromoform	12.343	173	78952	20.054	ug/L	99
60)	Isopropylbenzene	12.459	105	785626	19.445	ug/L	98
61)	1,2,3-Trichloropropane	12.763	75	130088	20.709	ug/L	98
62)	1,3,5-Trimethylbenzene	12.940	105	606511	18.953	ug/L	97
63)	1,2,4-Trimethylbenzene	13.245	105	549670	18.614	ug/L	97
64)	1,3-Dichlorobenzene	13.495	146	307349	17.671	ug/L	99
65)	1,4-Dichlorobenzene	13.574	146	328722	18.708	ug/L	97
67)	1,2-Dichlorobenzene	13.867	146	293707	18.935	ug/L	96
68)	1,2-Dibromo-3-chloropr...	14.483	75	29330	20.135	ug/L	92
69)	1,3,5-Trichlorobenzene	14.623	180	202467	17.537	ug/L	96
70)	1,2,4-trichlorobenzene	15.129	180	166667	17.232	ug/L	97
71)	Naphthalene	15.360	128	377110	20.658	ug/L	99
72)	1,2,3-Trichlorobenzene	15.549	180	157152	18.312	ug/L	100

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

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