Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041923\
Data File : VW025592.D
Acq On : 19 Apr 2023 19:53
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 20 01:35:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040323SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Apr 19 04:10:43 2023
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTD025572

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

04/20/2023
Supervised By :Mahesh Dadoda

04/22/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	741722	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	657069	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	321414	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	194873	16.145	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 64.600%			
7) Chloroethane-d5	2.899	69	152939	17.797	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 71.200%			
11) 1,1-Dichloroethene-d2	4.033	63	451681	18.505	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 74.000%			
21) 2-Butanone-d5	7.075	46	154546	57.396	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 114.800%			
24) Chloroform-d	7.648	84	443661	21.303	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 85.200%			
26) 1,2-Dichloroethane-d4	8.301	65	236025	21.785	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 87.120%			
32) Benzene-d6	8.276	84	882598	20.745	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 82.960%			
36) 1,2-Dichloropropane-d6	9.270	67	278440	20.989	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 83.960%			
41) Toluene-d8	10.325	98	769973	20.718	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 82.880%			
43) trans-1,3-Dichloroprop...	10.575	79	109208	21.957	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 87.840%			
47) 2-Hexanone-d5	10.922	63	108034	59.580	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 119.160%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	225558	25.191	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 100.760%			
66) 1,2-Dichlorobenzene-d4	13.848	152	239163	21.659	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 86.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	220908m	21.298	ug/L	
3) Chloromethane	2.223	50	271608	22.571	ug/L	99
5) Vinyl chloride	2.375	62	286661	21.549	ug/L	97
6) Bromomethane	2.789	94	153886	21.504	ug/L	96
8) Chloroethane	2.936	64	165097	22.159	ug/L	100
9) Trichlorofluoromethane	3.265	101	215328	21.011	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	245106	23.833	ug/L	98
12) 1,1-Dichloroethene	4.045	96	228726	22.219	ug/L	95
13) Acetone	4.119	43	126279	55.412	ug/L	99
14) Carbon disulfide	4.393	76	732989	20.182	ug/L	99
15) Methyl Acetate	4.667	43	140977	27.535	ug/L	98
16) Methylene chloride	4.923	84	273985	23.239	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	247788	22.641	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	395780	26.204	ug/L	100
19) 1,1-Dichloroethane	6.216	63	523737	23.952	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	272887	23.964	ug/L	98
22) 2-Butanone	7.167	43	191310	59.052	ug/L	99
23) Bromochloromethane	7.514	128	112729	24.140	ug/L	93
25) Chloroform	7.679	83	484820	24.246	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	334865	24.956	ug/L	98
29) Cyclohexane	7.959	56	476885	22.424	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	386197	23.655	ug/L	99
31) Carbon tetrachloride	8.069	117	346489	23.501	ug/L	99
33) Benzene	8.325	78	1089092	23.813	ug/L	100
34) Trichloroethene	9.093	95	271701	22.840	ug/L	91
35) Methylcyclohexane	9.337	83	483871	22.525	ug/L	99
37) 1,2-Dichloropropane	9.368	63	298894	24.746	ug/L	100
38) Bromodichloromethane	9.642	83	343210	24.835	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	432255	24.949	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	400771	58.620	ug/L	100
42) Toluene	10.386	91	1107170	23.774	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	364166	25.489	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	197878	25.693	ug/L	96
46) Tetrachloroethene	10.861	164	185944	22.224	ug/L	95
48) 2-Hexanone	10.965	43	279501	59.169	ug/L	97
49) Dibromochloromethane	11.129	129	212561	26.214	ug/L	97
50) 1,2-Dibromoethane	11.233	107	182713	25.820	ug/L	97
51) Chlorobenzene	11.654	112	694999	24.218	ug/L	99
52) Ethylbenzene	11.727	91	1269524	24.090	ug/L	100
53) m,p-Xylene	11.837	106	475120	24.584	ug/L	99
54) o-Xylene	12.166	106	440610	24.370	ug/L	97
55) Styrene	12.178	104	779919	25.628	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	246034	26.670	ug/L	97
59) Bromoform	12.349	173	113034	25.664	ug/L	95
60) Isopropylbenzene	12.458	105	1230069	24.431	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	182988	27.469	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1008767	25.381	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	969396	25.330	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	524147	25.121	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	519900	24.399	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	475406	25.991	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	39928	27.323	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	336334	24.077	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	268971	23.703	ug/L	99
71) Naphthalene	15.360	128	598745	28.277	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	248059	25.002	ug/L	98

04/20/2023 Supervised By :Mahesh Dadoda

04/22/2023

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

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