Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061523\
Data File : VW026213.D
Acq On : 15 Jun 2023 19:05
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 16 06:23:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jun 14 23:24:58 2023
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTD025520

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt
06/16/2023
Supervised By :Mahesh Dadoda
06/16/2023

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	8.843	114	625214	25.000 ug/L	0.00
28) Chlorobenzene-d5	11.629	117	578213	25.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	285714	25.000 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	2.369	65	179106	20.363 ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 81.440%		
7) Chloroethane-d5	2.893	69	167566	25.450 ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 101.800%		
11) 1,1-Dichloroethene-d2	4.027	65	90796	20.935 ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 83.760%		
21) 2-Butanone-d5	7.075	46	167062	65.242 ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 130.480%		
24) Chloroform-d	7.648	84	449405	24.546 ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.200%		
26) 1,2-Dichloroethane-d4	8.307	65	252975	25.269 ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.080%		
32) Benzene-d6	8.276	84	878970	22.591 ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 90.360%		
36) 1,2-Dichloropropane-d6	9.270	67	293543	23.815 ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 95.240%		
41) Toluene-d8	10.318	98	754872	21.878 ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 87.520%		
43) trans-1,3-Dichloroprop...	10.574	79	102798	21.046 ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 84.200%		
47) 2-Hexanone-d5	10.922	63	119167	61.313 ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 122.620%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	253636	28.277 ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 113.120%		
66) 1,2-Dichlorobenzene-d4	13.848	152	244772	22.382 ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.520%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.021	85	173328m	22.615 ug/L	
3) Chloromethane	2.228	50	242480	24.674 ug/L	98
5) Vinyl chloride	2.375	62	244197	23.247 ug/L	100
6) Bromomethane	2.783	94	136056	23.759 ug/L	95
8) Chloroethane	2.930	64	151811	26.743 ug/L	93
9) Trichlorofluoromethane	3.265	101	156790	23.200 ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	197894	23.207 ug/L	98
12) 1,1-Dichloroethene	4.051	96	181994	22.863 ug/L	84
13) Acetone	4.118	43	95787	48.344 ug/L	100
14) Carbon disulfide	4.393	76	585262	20.827 ug/L	100
15) Methyl Acetate	4.667	43	123067	27.675 ug/L	100
16) Methylene chloride	4.917	84	223399	22.387 ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	200401	22.438 ug/L	98
18) Methyl tert-butyl Ether	5.423	73	342337	24.320 ug/L	99
19) 1,1-Dichloroethane	6.222	63	435323	23.942 ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	228713	24.176 ug/L	99
22) 2-Butanone	7.167	43	160985	56.958 ug/L	99
23) Bromochloromethane	7.514	128	100270	24.852 ug/L	97
25) Chloroform	7.673	83	411362	24.290 ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	290118	24.839	ug/L	99
29) Cyclohexane	7.959	56	371397	20.805	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	312934	22.302	ug/L	99
31) Carbon tetrachloride	8.069	117	275858	21.544	ug/L	98
33) Benzene	8.325	78	906909	22.896	ug/L	100
34) Trichloroethene	9.093	95	223104	21.997	ug/L	96
35) Methylcyclohexane	9.337	83	374742	20.880	ug/L	99
37) 1,2-Dichloropropane	9.367	63	254588	23.730	ug/L	99
38) Bromodichloromethane	9.642	83	287831	23.093	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	351662	22.305	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	352877	55.790	ug/L	100
42) Toluene	10.385	91	935876	23.100	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	300630	22.889	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	172375	24.379	ug/L	98
46) Tetrachloroethene	10.861	164	152825	21.303	ug/L	97
48) 2-Hexanone	10.965	43	245534	55.055	ug/L	100
49) Dibromochloromethane	11.123	129	175858	23.722	ug/L	95
50) 1,2-Dibromoethane	11.233	107	160948	24.584	ug/L	99
51) Chlorobenzene	11.654	112	576906	22.724	ug/L	97
52) Ethylbenzene	11.727	91	1043633	22.836	ug/L	99
53) m,p-Xylene	11.836	106	381277	22.426	ug/L	96
54) o-Xylene	12.166	106	370359	23.080	ug/L	96
55) Styrene	12.178	104	653165	23.726	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	222325	25.982	ug/L	98
59) Bromoform	12.349	173	99446	23.174	ug/L	99
60) Isopropylbenzene	12.464	105	1005746	22.408	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	159138	24.866	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	804296	22.542	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	752471	23.026	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	423477	22.440	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	433759	22.830	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	384910	22.713	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	37187	25.079	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	270264	20.848	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	225369	21.069	ug/L	94
71) Naphthalene	15.360	128	455054	23.869	ug/L	100
72) 1,2,3-Trichlorobenzene	15.555	180	199701	21.361	ug/L	98

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

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