Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061223\
Data File : VW026173.D
Acq On : 12 Jun 2023 09:34
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025515

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/13/2023
Supervised By :Mahesh Dadoda 06/13/2023

Quant Time: Jun 13 01:15:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 09 22:52:55 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	8.837	114	819846	25.000 ug/L	0.00
28) Chlorobenzene-d5	11.629	117	711620	25.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	360937	25.000 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	2.363	65	260255	22.565 ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.280%		
7) Chloroethane-d5	2.893	69	225284	26.093 ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 104.360%		
11) 1,1-Dichloroethene-d2	4.021	65	129234	22.724 ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 90.880%		
21) 2-Butanone-d5	7.075	46	191202	56.942 ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 113.880%		
24) Chloroform-d	7.648	84	576215	24.001 ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 96.000%		
26) 1,2-Dichloroethane-d4	8.307	65	321917	24.521 ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.080%		
32) Benzene-d6	8.270	84	1116414	23.315 ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 93.280%		
36) 1,2-Dichloropropane-d6	9.270	67	358147	23.609 ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 94.440%		
41) Toluene-d8	10.318	98	984312	23.179 ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 92.720%		
43) trans-1,3-Dichloroprop...	10.575	79	140909	23.440 ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 93.760%		
47) 2-Hexanone-d5	10.922	63	136272	56.970 ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 113.940%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	284692	25.789 ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 103.160%		
66) 1,2-Dichlorobenzene-d4	13.848	152	295249	21.371 ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 85.480%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.015	85	247318m	24.608 ug/L	
3) Chloromethane	2.222	50	296704	23.024 ug/L	96
5) Vinyl chloride	2.375	62	334530	24.286 ug/L	100
6) Bromomethane	2.783	94	182994	24.369 ug/L	94
8) Chloroethane	2.930	64	202715	27.233 ug/L	97
9) Trichlorofluoromethane	3.265	101	226104	25.514 ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	264606	23.663 ug/L	97
12) 1,1-Dichloroethene	4.045	96	249523	23.904 ug/L	87
13) Acetone	4.118	43	178833	68.830 ug/L	97
14) Carbon disulfide	4.393	76	802664	21.783 ug/L	99
15) Methyl Acetate	4.667	43	148644	25.491 ug/L	99
16) Methylene chloride	4.917	84	276275	21.113 ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	266155	22.726 ug/L	98
18) Methyl tert-butyl Ether	5.423	73	449432	24.349 ug/L	99
19) 1,1-Dichloroethane	6.216	63	554667	23.263 ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	291146	23.469 ug/L	99
22) 2-Butanone	7.167	43	223661	60.347 ug/L	99
23) Bromochloromethane	7.514	128	118674	22.431 ug/L	89
25) Chloroform	7.673	83	524045	23.598 ug/L	97

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Quant Title : SFAM01.0
QLast Update : Fri Jun 09 22:52:55 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	376912	24.609	ug/L	98
29) Cyclohexane	7.959	56	514826	23.433	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	419115	24.270	ug/L	99
31) Carbon tetrachloride	8.069	117	377062	23.927	ug/L	99
33) Benzene	8.325	78	1133782	23.258	ug/L	100
34) Trichloroethene	9.093	95	293344	23.500	ug/L	93
35) Methylcyclohexane	9.331	83	522174	23.641	ug/L	100
37) 1,2-Dichloropropane	9.367	63	307972	23.325	ug/L	100
38) Bromodichloromethane	9.642	83	371730	24.233	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	479155	24.694	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	430453	55.296	ug/L	100
42) Toluene	10.386	91	1184977	23.766	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	404671	25.034	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	210188	24.154	ug/L	96
46) Tetrachloroethene	10.861	164	200506	22.710	ug/L	95
48) 2-Hexanone	10.965	43	313184	57.059	ug/L	99
49) Dibromochloromethane	11.123	129	228240	25.016	ug/L	93
50) 1,2-Dibromoethane	11.233	107	195057	24.208	ug/L	98
51) Chlorobenzene	11.654	112	741155	23.721	ug/L	98
52) Ethylbenzene	11.727	91	1350716	24.015	ug/L	98
53) m,p-Xylene	11.836	106	500887	23.938	ug/L	98
54) o-Xylene	12.166	106	473436	23.973	ug/L	95
55) Styrene	12.178	104	810041	23.908	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	260833	24.767	ug/L	98
59) Bromoform	12.349	173	127207	23.465	ug/L	99
60) Isopropylbenzene	12.458	105	1323259	23.338	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	194413	24.046	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1079527	23.950	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	974629	23.608	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	536747	22.514	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	526165	21.922	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	483626	22.590	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	45002	24.025	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	346983	21.188	ug/L	98
70) 1,2,4-trichlorobenzene	15.122	180	307816	22.779	ug/L	96
71) Naphthalene	15.360	128	587968	24.413	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	257118	21.771	ug/L	97

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

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