Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090723\
Data File : VW026996.D
Acq On : 07 Sep 2023 09:54
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025491

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 09/08/2023
Supervised By :Mahesh Dadoda 09/08/2023

Quant Time: Sep 08 01:27:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090523SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Sep 06 01:54:46 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Difluorobenzene	8.843	114	459107	25.000 ug/L	0.00
28) Chlorobenzene-d5	11.629	117	449926	25.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	269324	25.000 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	2.369	65	202076	24.637 ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 98.560%		
7) Chloroethane-d5	2.893	69	175484	26.509 ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 106.040%		
11) 1,1-Dichloroethene-d2	4.027	65	74875	24.770 ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 99.080%		
21) 2-Butanone-d5	7.075	46	81300	51.442 ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.880%		
24) Chloroform-d	7.648	84	371095	27.163 ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 108.640%		
26) 1,2-Dichloroethane-d4	8.307	65	195205	27.185 ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.720%		
32) Benzene-d6	8.276	84	764985	25.922 ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 103.680%		
36) 1,2-Dichloropropane-d6	9.270	67	236034	27.243 ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 108.960%		
41) Toluene-d8	10.325	98	675567	25.284 ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 101.120%		
43) trans-1,3-Dichloroprop...	10.575	79	88494	26.321 ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 105.280%		
47) 2-Hexanone-d5	10.922	63	45873	56.714 ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 113.420%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	192636	28.651 ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 114.600%		
66) 1,2-Dichlorobenzene-d4	13.855	152	221750	23.806 ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.240%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.015	85	142065m	26.899 ug/L	
3) Chloromethane	2.222	50	226085	28.381 ug/L	98
5) Vinyl chloride	2.375	62	248252	27.320 ug/L	97
6) Bromomethane	2.789	94	162897	27.162 ug/L	99
8) Chloroethane	2.930	64	163509	28.676 ug/L	98
9) Trichlorofluoromethane	3.259	101	151506	28.738 ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	188513	28.793 ug/L	95
12) 1,1-Dichloroethene	4.058	96	174630	26.921 ug/L	90
13) Acetone	4.118	43	74953	54.164 ug/L	99
14) Carbon disulfide	4.399	76	577749	27.769 ug/L	97
15) Methyl Acetate	4.667	43	85392	29.679 ug/L #	89
16) Methylene chloride	4.923	84	205870	23.146 ug/L	91
17) trans-1,2-Dichloroethene	5.423	96	193723	27.286 ug/L	95
18) Methyl tert-butyl Ether	5.429	73	269451	27.255 ug/L	99
19) 1,1-Dichloroethane	6.216	63	383651	28.667 ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	208002	26.623 ug/L	92
22) 2-Butanone	7.173	43	121621	54.622 ug/L	100
23) Bromochloromethane	7.514	128	92969	27.419 ug/L	93
25) Chloroform	7.679	83	372038	28.343 ug/L	94

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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	241326	29.089	ug/L		99
29) Cyclohexane	7.959	56	324443	27.658	ug/L		99
30) 1,1,1-Trichloroethane	7.874	97	278745	27.350	ug/L		98
31) Carbon tetrachloride	8.069	117	258873	28.499	ug/L		97
33) Benzene	8.325	78	851776	27.682	ug/L		100
34) Trichloroethene	9.087	95	210041	26.567	ug/L		94
35) Methylcyclohexane	9.337	83	370154	27.556	ug/L		95
37) 1,2-Dichloropropane	9.368	63	225957	28.776	ug/L		100
38) Bromodichloromethane	9.642	83	263370	28.481	ug/L		98
39) cis-1,3-Dichloropropene	10.075	75	327150	28.065	ug/L		96
40) 4-Methyl-2-pentanone	10.209	43	245521	60.565	ug/L		97
42) Toluene	10.386	91	878219	27.734	ug/L		99
44) trans-1,3-Dichloropropene	10.605	75	270706	28.598	ug/L		99
45) 1,1,2-Trichloroethane	10.782	97	158224	27.972	ug/L		98
46) Tetrachloroethene	10.861	164	162330	26.898	ug/L		88
48) 2-Hexanone	10.965	43	176152	63.759	ug/L		97
49) Dibromochloromethane	11.123	129	157278	26.992	ug/L		87
50) 1,2-Dibromoethane	11.233	107	144230	28.164	ug/L		98
51) Chlorobenzene	11.654	112	565004	27.701	ug/L		98
52) Ethylbenzene	11.727	91	975446	27.787	ug/L		99
53) m,p-Xylene	11.837	106	377229	28.408	ug/L		98
54) o-Xylene	12.166	106	346571	27.893	ug/L		96
55) Styrene	12.178	104	629465	29.684	ug/L		92
57) 1,1,2,2-Tetrachloroethane	12.708	83	199553	29.821	ug/L		98
59) Bromoform	12.349	173	100635	26.274	ug/L		98
60) Isopropylbenzene	12.458	105	965502	26.169	ug/L		99
61) 1,2,3-Trichloropropane	12.763	75	141540	27.472	ug/L		98
62) 1,3,5-Trimethylbenzene	12.940	105	782914	26.593	ug/L		99
63) 1,2,4-Trimethylbenzene	13.251	105	799586	27.780	ug/L		99
64) 1,3-Dichlorobenzene	13.495	146	430248	25.634	ug/L		90
65) 1,4-Dichlorobenzene	13.574	146	452954	26.552	ug/L		99
67) 1,2-Dichlorobenzene	13.867	146	385160	25.470	ug/L		98
68) 1,2-Dibromo-3-chloropr...	14.476	75	31231	26.731	ug/L	#	87
69) 1,3,5-Trichlorobenzene	14.623	180	289394	24.821	ug/L		96
70) 1,2,4-trichlorobenzene	15.129	180	247506	26.073	ug/L		94
71) Naphthalene	15.360	128	465797	27.730	ug/L		99
72) 1,2,3-Trichlorobenzene	15.549	180	225316	26.183	ug/L		99

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

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