Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030824\
Data File : VW028135.D
Acq On : 08 Mar 2024 08:53
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025508

Quant Time: Mar 08 22:37:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Mar 08 00:16:11 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	260291	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	240083	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	126240	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	68243	21.963	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.840%			
7) Chloroethane-d5	2.905	69	55790	23.179	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.720%			
11) 1,1-Dichloroethene-d2	4.021	65	29196	23.004	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 92.000%			
21) 2-Butanone-d5	7.075	46	23467	52.945	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.900%			
24) Chloroform-d	7.648	84	137239	24.893	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.560%			
26) 1,2-Dichloroethane-d4	8.301	65	64960	25.318	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.280%			
32) Benzene-d6	8.276	84	268694	23.974	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 95.880%			
36) 1,2-Dichloropropane-d6	9.270	67	69898	24.138	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.560%			
41) Toluene-d8	10.325	98	258354	24.461	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.840%			
43) trans-1,3-Dichloroprop...	10.575	79	31342	24.699	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 98.800%			
47) 2-Hexanone-d5	10.922	63	21945	53.804	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 107.600%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	58483	25.589	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 102.360%			
66) 1,2-Dichlorobenzene-d4	13.849	152	89010	23.708	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 94.840%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	54972	20.672	ug/L	92
3) Chloromethane	2.223	50	55100	21.792	ug/L	99
5) Vinyl chloride	2.375	62	84843	24.079	ug/L	99
6) Bromomethane	2.790	94	64852	23.070	ug/L	98
8) Chloroethane	2.936	64	52247	23.611	ug/L	100
9) Trichlorofluoromethane	3.271	101	72924	22.188	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	81421	23.830	ug/L	91
12) 1,1-Dichloroethene	4.051	96	76012	23.492	ug/L	95
13) Acetone	4.125	43	28238	45.579	ug/L	98
14) Carbon disulfide	4.393	76	223619	22.687	ug/L	100
15) Methyl Acetate	4.673	43	20593	23.517	ug/L	99
16) Methylene chloride	4.917	84	79744	22.272	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	81533	23.582	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	102397	24.183	ug/L	99
19) 1,1-Dichloroethane	6.216	63	128482	23.502	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	86787	23.852	ug/L	98
22) 2-Butanone	7.167	43	31085	44.926	ug/L	99
23) Bromochloromethane	7.520	128	40212	23.541	ug/L	86
25) Chloroform	7.679	83	147640	24.179	ug/L	97

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27)	1,2-Dichloroethane	8.398	62	87969	24.228	ug/L	97
29)	Cyclohexane	7.959	56	109568	23.733	ug/L	100
30)	1,1,1-Trichloroethane	7.868	97	131533	24.538	ug/L	99
31)	Carbon tetrachloride	8.069	117	125814	25.134	ug/L	98
33)	Benzene	8.325	78	305662	23.566	ug/L	100
34)	Trichloroethene	9.093	95	87757	23.092	ug/L	93
35)	Methylcyclohexane	9.337	83	150143	24.410	ug/L	98
37)	1,2-Dichloropropane	9.368	63	69661	23.063	ug/L	99
38)	Bromodichloromethane	9.642	83	101852	23.346	ug/L	96
39)	cis-1,3-Dichloropropene	10.075	75	117482	23.652	ug/L	99
40)	4-Methyl-2-pentanone	10.209	43	58673	48.907	ug/L	99
42)	Toluene	10.386	91	350268	23.900	ug/L	99
44)	trans-1,3-Dichloropropene	10.605	75	96249	23.853	ug/L	99
45)	1,1,2-Trichloroethane	10.782	97	58484	23.088	ug/L	98
46)	Tetrachloroethene	10.861	164	76717	24.086	ug/L	93
48)	2-Hexanone	10.965	43	47172	48.630	ug/L	98
49)	Dibromochloromethane	11.123	129	69736	23.681	ug/L	84
50)	1,2-Dibromoethane	11.233	107	56936	23.336	ug/L	98
51)	Chlorobenzene	11.654	112	226701	23.183	ug/L	95
52)	Ethylbenzene	11.727	91	397897	23.747	ug/L	96
53)	m,p-Xylene	11.837	106	156116	24.014	ug/L	97
54)	o-Xylene	12.166	106	146273	23.774	ug/L	96
55)	Styrene	12.178	104	248448	23.678	ug/L	99
57)	1,1,2,2-Tetrachloroethane	12.708	83	64974	23.788	ug/L	93
59)	Bromoform	12.343	173	41319	23.088	ug/L	97
60)	Isopropylbenzene	12.459	105	411400	23.754	ug/L	99
61)	1,2,3-Trichloropropane	12.763	75	44354	22.856	ug/L	98
62)	1,3,5-Trimethylbenzene	12.940	105	273465	24.083	ug/L	97
63)	1,2,4-Trimethylbenzene	13.245	105	332101	24.526	ug/L	99
64)	1,3-Dichlorobenzene	13.495	146	182300	22.776	ug/L	88
65)	1,4-Dichlorobenzene	13.574	146	183680	22.731	ug/L	98
67)	1,2-Dichlorobenzene	13.867	146	164246	22.781	ug/L	92
68)	1,2-Dibromo-3-chloropr...	14.476	75	9942	24.392	ug/L	94
69)	1,3,5-Trichlorobenzene	14.623	180	134423	22.758	ug/L	99
70)	1,2,4-trichlorobenzene	15.129	180	107312	22.623	ug/L	93
71)	Naphthalene	15.360	128	183989	23.716	ug/L	100
72)	1,2,3-Trichlorobenzene	15.543	180	92371	23.286	ug/L	95

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

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