Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101923\
Data File : VV032506.D
Acq On : 19 Oct 2023 18:54
Operator : SY/MD
Sample : 04950-21MS
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A49M0MS

Quant Time: Oct 20 06:25:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 20 06:17:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	96761	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	107170	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	55783	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	35077	4.457	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.200%			
7) Chloroethane-d5	1.532	69	32782	5.132	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.600%			
11) 1,1-Dichloroethene-d2	2.060	65	14407	4.341	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 86.800%			
20) 2-Butanone-d5	3.802	46	92190	46.310	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.620%			
24) Chloroform-d	4.252	84	66413	4.784	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.600%			
26) 1,2-Dichloroethane-d4	4.947	65	33485	5.092	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.800%			
32) Benzene-d6	4.963	84	124318	3.942	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 78.800%			
36) 1,2-Dichloropropane-d6	5.992	67	39945	3.823	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 76.400%			
41) Toluene-d8	7.246	98	119688	4.151	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.000%			
43) trans-1,3-Dichloroprop...	7.558	79	15140	4.089	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.800%			
46) 2-Hexanone-d5	8.027	63	80945	46.467	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.940%			
56) 1,1,2,2-Tetrachloroeth...	10.156	84	34952	4.783	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.600%			
66) 1,2-Dichlorobenzene-d4	11.564	152	44661	4.314	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 86.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	55167	5.116	ug/L	99
3) Chloromethane	1.217	50	58616	5.392	ug/L	100
5) Vinyl chloride	1.282	62	56668	5.466	ug/L	99
6) Bromomethane	1.487	94	29287	4.676	ug/L	95
8) Chloroethane	1.548	64	36512	5.850	ug/L	99
9) Trichlorofluoromethane	1.716	101	71241	5.730	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	40816	5.418	ug/L	98
12) 1,1-Dichloroethene	2.069	96	38891	5.480	ug/L	92
13) Acetone	2.130	43	72160	47.030	ug/L	98
14) Carbon disulfide	2.243	76	109548	4.416	ug/L	100
15) Methyl Acetate	2.384	43	16237	4.701	ug/L	95
16) Methylene chloride	2.449	84	43627	4.715	ug/L	93
17) Methyl tert-butyl Ether	2.706	73	95909	4.964	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	39243	4.828	ug/L	98
19) 1,1-Dichloroethane	3.114	63	81756	5.347	ug/L	99
21) 2-Butanone	3.880	43	112292	46.800	ug/L	98
22) cis-1,2-Dichloroethene	3.815	96	43368	4.955	ug/L	96
23) Bromochloromethane	4.150	128	19278	5.236	ug/L	94
25) Chloroform	4.278	83	84181	5.611	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	49230	5.554	ug/L	98
29) 1,1,1-Trichloroethane	4.516	97	68243	4.683	ug/L	97
30) Cyclohexane	4.584	56	61879	3.865	ug/L	99
31) Carbon tetrachloride	4.738	117	58139	4.716	ug/L	96
33) Benzene	5.011	78	175956	4.663	ug/L	100
34) Trichloroethene	5.834	95	43459	4.219	ug/L	97
35) Methylcyclohexane	6.053	83	66755	4.188	ug/L	96
37) 1,2-Dichloropropane	6.095	63	51588	5.112	ug/L	99
38) Bromodichloromethane	6.436	83	61682	5.144	ug/L	99
39) cis-1,3-Dichloropropene	6.957	75	64199	4.471	ug/L	95
40) 4-Methyl-2-pentanone	7.159	43	300205	47.011	ug/L	97
42) Toluene	7.317	91	199625	4.963	ug/L	100
44) trans-1,3-Dichloropropene	7.584	75	53286	4.515	ug/L	100
45) 1,1,2-Trichloroethane	7.770	97	35109	4.932	ug/L	98
47) Tetrachloroethene	7.908	164	34876	4.465	ug/L	97
48) 2-Hexanone	8.079	43	212585	47.184	ug/L	97
49) Dibromochloromethane	8.178	129	36959	4.987	ug/L	91
50) 1,2-Dibromoethane	8.288	107	32232	4.787	ug/L	93
51) Chlorobenzene	8.818	112	123216	4.758	ug/L	100
52) Ethylbenzene	8.950	91	205236	4.582	ug/L	99
53) m,p-Xylene	9.075	106	77609	4.672	ug/L	98
54) o-Xylene	9.481	106	75432	4.713	ug/L	96
55) Styrene	9.500	104	131366	4.860	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.182	83	40406	5.159	ug/L	97
59) Bromoform	9.667	173	19457	4.797	ug/L	97
60) Isopropylbenzene	9.870	105	202818	4.678	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	29224	4.922	ug/L	99
62) 1,3,5-Trimethylbenzene	10.481	105	153074	4.332	ug/L	99
63) 1,2,4-Trimethylbenzene	10.854	105	158275	4.499	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	96159	4.643	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	98049	4.719	ug/L	98
67) 1,2-Dichlorobenzene	11.583	146	89285	4.727	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	5850	4.822	ug/L	90
69) 1,3,5-Trichlorobenzene	12.587	180	66295	4.371	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	55094	4.095	ug/L	99
71) Naphthalene	13.442	128	86270	3.775	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	49417	4.263	ug/L	99

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

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