Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112224\
Data File : VV038295.D
Acq On : 23 Nov 2024 02:44
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005313

Quant Time: Nov 23 04:06:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 23 02:01:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	239977	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	253420	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	136657	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	73776	4.011	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 80.200%			
7) Chloroethane-d5	1.529	69	68367	4.595	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.800%			
11) 1,1-Dichloroethene-d2	2.053	65	32185	4.066	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 81.400%			
20) 2-Butanone-d5	3.789	46	173537	47.162	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 94.320%			
24) Chloroform-d	4.240	84	168945	4.733	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.600%			
26) 1,2-Dichloroethane-d4	4.937	65	73349	4.579	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.600%			
32) Benzene-d6	4.953	84	296558	4.528	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.600%			
36) 1,2-Dichloropropane-d6	5.982	67	90920	4.511	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.200%			
41) Toluene-d8	7.236	98	272307	4.493	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.800%			
43) trans-1,3-Dichloroprop...	7.551	79	32874	4.387	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.800%			
46) 2-Hexanone-d5	8.021	63	126214	43.331	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 86.660%			
56) 1,1,2,2-Tetrachloroeth...	10.146	84	80396	4.699	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.000%			
66) 1,2-Dichlorobenzene-d4	11.551	152	101768	4.371	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 87.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	115437	5.084	ug/L	98
3) Chloromethane	1.214	50	113122	5.786	ug/L	100
5) Vinyl chloride	1.282	62	116624	5.264	ug/L	98
6) Bromomethane	1.484	94	67398	7.802	ug/L	98
8) Chloroethane	1.545	64	76610	5.427	ug/L	100
9) Trichlorofluoromethane	1.709	101	157014	4.980	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	90860	5.050	ug/L	97
12) 1,1-Dichloroethene	2.066	96	85640	4.996	ug/L	84
13) Acetone	2.118	43	131568	48.345	ug/L	99
14) Carbon disulfide	2.236	76	267063	4.837	ug/L	100
15) Methyl Acetate	2.375	43	33348	5.046	ug/L	96
16) Methylene chloride	2.442	84	100348	5.134	ug/L	94
17) Methyl tert-butyl Ether	2.696	73	188772	4.871	ug/L	98
18) trans-1,2-Dichloroethene	2.690	96	93675	5.188	ug/L	100
19) 1,1-Dichloroethane	3.105	63	176091	5.372	ug/L	97
21) 2-Butanone	3.870	43	192454	49.273	ug/L	97
22) cis-1,2-Dichloroethene	3.806	96	100362	5.375	ug/L	97
23) Bromochloromethane	4.143	128	46413	5.092	ug/L	96
25) Chloroform	4.265	83	186831	5.328	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	104732	5.489	ug/L	98
29) 1,1,1-Trichloroethane	4.503	97	159590	5.251	ug/L	99
30) Cyclohexane	4.571	56	126480	5.017	ug/L	96
31) Carbon tetrachloride	4.725	117	136488	5.090	ug/L	99
33) Benzene	5.002	78	382770	5.377	ug/L	100
34) Trichloroethene	5.828	95	98776	5.090	ug/L	99
35) Methylcyclohexane	6.043	83	130454	4.752	ug/L	100
37) 1,2-Dichloropropane	6.085	63	94782	5.316	ug/L	99
38) Bromodichloromethane	6.426	83	126045	5.259	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	126008	5.063	ug/L	99
40) 4-Methyl-2-pentanone	7.149	43	495592	53.106	ug/L	97
42) Toluene	7.307	91	404900	5.371	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	106280	5.055	ug/L	97
45) 1,1,2-Trichloroethane	7.764	97	74175	5.130	ug/L	96
47) Tetrachloroethene	7.895	164	77123	4.946	ug/L	98
48) 2-Hexanone	8.069	43	353898	52.295	ug/L	97
49) Dibromochloromethane	8.169	129	79903	5.068	ug/L	98
50) 1,2-Dibromoethane	8.278	107	67660	5.047	ug/L	99
51) Chlorobenzene	8.805	112	263893	5.081	ug/L	100
52) Ethylbenzene	8.937	91	408806	5.112	ug/L	99
53) m,p-Xylene	9.066	106	158001	5.235	ug/L	97
54) o-Xylene	9.471	106	149659	5.094	ug/L	94
55) Styrene	9.490	104	273451	5.280	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.172	83	86459	5.113	ug/L	100
59) Bromoform	9.657	173	39700	4.992	ug/L	96
60) Isopropylbenzene	9.860	105	408829	5.194	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	59094	5.051	ug/L	98
62) 1,3,5-Trimethylbenzene	10.468	105	305554	4.892	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	309260	4.965	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	212183	5.021	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	212386	4.971	ug/L	100
67) 1,2-Dichlorobenzene	11.570	146	196269	5.017	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.358	75	12592	4.795	ug/L	97
69) 1,3,5-Trichlorobenzene	12.574	180	138120	4.613	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	110900	4.481	ug/L	98
71) Naphthalene	13.432	128	154195	4.005	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	101861	4.455	ug/L	98

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

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