Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112124\
Data File : VV038228.D
Acq On : 21 Nov 2024 09:27
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005309

Quant Time: Nov 22 01:36:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 21 01:41:56 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	274176	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	276668	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	150310	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	87022	4.141	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.800%			
7) Chloroethane-d5	1.529	69	73962	4.351	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.000%			
11) 1,1-Dichloroethene-d2	2.053	65	38020	4.204	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 84.000%			
20) 2-Butanone-d5	3.796	46	206963	49.230	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 98.460%			
24) Chloroform-d	4.240	84	187432	4.596	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.000%			
26) 1,2-Dichloroethane-d4	4.934	65	85015	4.646	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.000%			
32) Benzene-d6	4.950	84	338084	4.728	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.600%			
36) 1,2-Dichloropropane-d6	5.982	67	101928	4.632	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.600%			
41) Toluene-d8	7.236	98	316439	4.783	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.600%			
43) trans-1,3-Dichloroprop...	7.551	79	41972	5.131	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 102.600%			
46) 2-Hexanone-d5	8.021	63	162446	51.084	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.160%			
56) 1,1,2,2-Tetrachloroeth...	10.146	84	92214	4.937	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.800%			
66) 1,2-Dichlorobenzene-d4	11.554	152	120925	4.722	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	121662	4.690	ug/L	99
3) Chloromethane	1.214	50	107114	4.795	ug/L	98
5) Vinyl chloride	1.278	62	115243	4.553	ug/L	96
6) Bromomethane	1.484	94	60759	6.156	ug/L	95
8) Chloroethane	1.545	64	71667	4.443	ug/L	100
9) Trichlorofluoromethane	1.709	101	169112	4.695	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	99226	4.827	ug/L	99
12) 1,1-Dichloroethene	2.063	96	90418	4.617	ug/L	92
13) Acetone	2.127	43	149755	48.164	ug/L	100
14) Carbon disulfide	2.233	76	277012	4.391	ug/L	100
15) Methyl Acetate	2.381	43	34795	4.608	ug/L	95
16) Methylene chloride	2.439	84	100766	4.512	ug/L	95
17) Methyl tert-butyl Ether	2.696	73	199686	4.510	ug/L	99
18) trans-1,2-Dichloroethene	2.687	96	94353	4.573	ug/L	100
19) 1,1-Dichloroethane	3.101	63	170174	4.544	ug/L	99
21) 2-Butanone	3.876	43	194961	43.689	ug/L	97
22) cis-1,2-Dichloroethene	3.806	96	98330	4.610	ug/L	98
23) Bromochloromethane	4.140	128	48397	4.647	ug/L	94
25) Chloroform	4.265	83	183179	4.572	ug/L	96

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ClientSampleId :
VSTD005309

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.034	62	103610	4.753	ug/L		99
29) 1,1,1-Trichloroethane	4.500	97	160881	4.848	ug/L		99
30) Cyclohexane	4.571	56	130975	4.759	ug/L		99
31) Carbon tetrachloride	4.722	117	143240	4.893	ug/L		99
33) Benzene	5.002	78	374740	4.822	ug/L		100
34) Trichloroethene	5.828	95	102030	4.816	ug/L		99
35) Methylcyclohexane	6.040	83	143077	4.774	ug/L		99
37) 1,2-Dichloropropane	6.085	63	92559	4.755	ug/L	#	93
38) Bromodichloromethane	6.426	83	128124	4.897	ug/L		99
39) cis-1,3-Dichloropropene	6.950	75	134403	4.946	ug/L		100
40) 4-Methyl-2-pentanone	7.149	43	498543	48.933	ug/L		97
42) Toluene	7.307	91	407089	4.946	ug/L		98
44) trans-1,3-Dichloropropene	7.577	75	114669	4.995	ug/L		99
45) 1,1,2-Trichloroethane	7.764	97	76582	4.851	ug/L		95
47) Tetrachloroethene	7.895	164	81009	4.759	ug/L		96
48) 2-Hexanone	8.069	43	371073	50.225	ug/L		98
49) Dibromochloromethane	8.169	129	84858	4.930	ug/L		97
50) 1,2-Dibromoethane	8.278	107	71782	4.905	ug/L		98
51) Chlorobenzene	8.809	112	270100	4.763	ug/L		98
52) Ethylbenzene	8.937	91	419364	4.803	ug/L		98
53) m,p-Xylene	9.066	106	163781	4.971	ug/L		96
54) o-Xylene	9.471	106	156497	4.879	ug/L		93
55) Styrene	9.490	104	286239	5.062	ug/L		99
57) 1,1,2,2-Tetrachloroethane	10.169	83	85092	4.610	ug/L		97
59) Bromoform	9.657	173	45738	5.229	ug/L		98
60) Isopropylbenzene	9.860	105	428833	4.953	ug/L		99
61) 1,2,3-Trichloropropane	10.204	75	61487	4.778	ug/L		98
62) 1,3,5-Trimethylbenzene	10.468	105	324060	4.717	ug/L		100
63) 1,2,4-Trimethylbenzene	10.844	105	332742	4.857	ug/L		99
64) 1,3-Dichlorobenzene	11.111	146	219942	4.732	ug/L		99
65) 1,4-Dichlorobenzene	11.201	146	229243	4.878	ug/L		99
67) 1,2-Dichlorobenzene	11.570	146	205073	4.766	ug/L		99
68) 1,2-Dibromo-3-chloropr...	12.358	75	12561	4.348	ug/L		90
69) 1,3,5-Trichlorobenzene	12.574	180	152519	4.632	ug/L		99
70) 1,2,4-trichlorobenzene	13.191	180	126052	4.631	ug/L		96
71) Naphthalene	13.435	128	183759	4.340	ug/L		99
72) 1,2,3-Trichlorobenzene	13.673	180	115436	4.590	ug/L		98

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

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