Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110624\
Data File : VV037927.D
Acq On : 06 Nov 2024 14:11
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005293

Quant Time: Nov 06 22:39:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 06 21:46:56 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	356180	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	346420	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	186717	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	124633	4.572	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.400%			
7) Chloroethane-d5	1.529	69	99924	4.497	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.000%			
11) 1,1-Dichloroethene-d2	2.053	65	54918	4.642	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 92.800%			
20) 2-Butanone-d5	3.802	46	237842	46.807	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.620%			
24) Chloroform-d	4.236	84	235292	4.735	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.600%			
26) 1,2-Dichloroethane-d4	4.934	65	103475	4.659	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.200%			
32) Benzene-d6	4.950	84	455728	5.101	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.000%			
36) 1,2-Dichloropropane-d6	5.979	67	128717	4.934	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.600%			
41) Toluene-d8	7.236	98	425730	5.302	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.000%			
43) trans-1,3-Dichloroprop...	7.551	79	48527	4.810	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.200%			
46) 2-Hexanone-d5	8.021	63	212428	54.188	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 108.380%			
56) 1,1,2,2-Tetrachloroeth...	10.146	84	101598	4.830	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.600%			
66) 1,2-Dichlorobenzene-d4	11.554	152	157475	5.113	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	179904	5.060	ug/L	99
3) Chloromethane	1.214	50	161170	4.818	ug/L	98
5) Vinyl chloride	1.282	62	164800	4.950	ug/L	98
6) Bromomethane	1.487	94	99443	5.280	ug/L	95
8) Chloroethane	1.548	64	96861	4.890	ug/L	99
9) Trichlorofluoromethane	1.709	101	229837	4.969	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	130478	4.929	ug/L	99
12) 1,1-Dichloroethene	2.063	96	121625	4.999	ug/L	97
13) Acetone	2.137	43	174738	48.445	ug/L	98
14) Carbon disulfide	2.236	76	411337	4.983	ug/L	100
15) Methyl Acetate	2.384	43	41561	4.868	ug/L	98
16) Methylene chloride	2.442	84	135638	4.776	ug/L	99
17) Methyl tert-butyl Ether	2.699	73	275086	5.056	ug/L	99
18) trans-1,2-Dichloroethene	2.687	96	133410	5.077	ug/L	97
19) 1,1-Dichloroethane	3.105	63	236470	4.953	ug/L	99
21) 2-Butanone	3.883	43	244007	45.519	ug/L	97
22) cis-1,2-Dichloroethene	3.806	96	136616	4.934	ug/L	99
23) Bromochloromethane	4.140	128	61312	4.904	ug/L	96
25) Chloroform	4.265	83	245736	4.900	ug/L	100

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Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	136397	4.909	ug/L	98
29) 1,1,1-Trichloroethane	4.500	97	215235	5.197	ug/L	100
30) Cyclohexane	4.571	56	206179	5.611	ug/L	98
31) Carbon tetrachloride	4.725	117	194782	5.360	ug/L	100
33) Benzene	4.998	78	513463	5.394	ug/L	100
34) Trichloroethene	5.825	95	145292	5.512	ug/L	96
35) Methylcyclohexane	6.040	83	220256	5.606	ug/L	98
37) 1,2-Dichloropropane	6.085	63	122913	5.166	ug/L	100
38) Bromodichloromethane	6.426	83	163548	5.181	ug/L	100
39) cis-1,3-Dichloropropene	6.947	75	182560	5.311	ug/L	99
40) 4-Methyl-2-pentanone	7.149	43	654519	54.665	ug/L	100
42) Toluene	7.307	91	565745	5.616	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	153883	5.429	ug/L	100
45) 1,1,2-Trichloroethane	7.764	97	95380	5.296	ug/L	99
47) Tetrachloroethene	7.895	164	112334	5.482	ug/L	97
48) 2-Hexanone	8.069	43	470972	55.609	ug/L	96
49) Dibromochloromethane	8.169	129	103490	5.027	ug/L	97
50) 1,2-Dibromoethane	8.275	107	88995	5.295	ug/L	98
51) Chlorobenzene	8.805	112	366306	5.317	ug/L	99
52) Ethylbenzene	8.937	91	608012	5.604	ug/L	99
53) m,p-Xylene	9.066	106	235449	5.689	ug/L	98
54) o-Xylene	9.471	106	225451	5.724	ug/L	98
55) Styrene	9.490	104	393605	5.802	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.169	83	108092	5.170	ug/L	99
59) Bromoform	9.661	173	55211	5.074	ug/L	98
60) Isopropylbenzene	9.860	105	609072	5.598	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	76475	5.238	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	479843	5.609	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	480282	5.690	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	300235	5.450	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	305515	5.370	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	274884	5.396	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	15206	4.797	ug/L	92
69) 1,3,5-Trichlorobenzene	12.574	180	212500	5.465	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	174509	5.716	ug/L	99
71) Naphthalene	13.435	128	238232	5.498	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	148654	5.648	ug/L	97

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

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