Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051623\
Data File : VV031062.D
Acq On : 16 May 2023 18:53
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005352

Quant Time: May 17 01:46:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed May 17 01:41:23 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	137046	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	132016	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	79125	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	39462	3.495	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 69.800%			
7) Chloroethane-d5	1.539	69	38624	4.193	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.800%			
11) 1,1-Dichloroethene-d2	2.063	65	21160	3.541	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.800%			
20) 2-Butanone-d5	3.822	46	107686	53.782	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.560%			
24) Chloroform-d	4.262	84	98911	4.408	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.200%			
26) 1,2-Dichloroethane-d4	4.950	65	52706	4.620	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.400%			
32) Benzene-d6	4.969	84	167595	4.331	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.600%			
36) 1,2-Dichloropropane-d6	5.995	67	49612	4.409	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.200%			
41) Toluene-d8	7.249	98	158554	4.303	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.000%			
43) trans-1,3-Dichloroprop...	7.561	79	17506	4.150	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.000%			
46) 2-Hexanone-d5	8.034	63	81707	55.290	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 110.580%			
56) 1,1,2,2-Tetrachloroeth...	10.159	84	41735	5.117	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.400%			
66) 1,2-Dichlorobenzene-d4	11.567	152	63149	4.281	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 85.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	42254	3.903	ug/L	100
3) Chloromethane	1.217	50	47702	3.754	ug/L	99
5) Vinyl chloride	1.285	62	43488	4.090	ug/L	98
6) Bromomethane	1.494	94	19830	3.915	ug/L	99
8) Chloroethane	1.555	64	27412	4.235	ug/L	98
9) Trichlorofluoromethane	1.719	101	86022	4.385	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	43203	4.314	ug/L	98
12) 1,1-Dichloroethene	2.076	96	37509	4.067	ug/L	88
13) Acetone	2.143	43	68004	39.761	ug/L	80
14) Carbon disulfide	2.246	76	77882	3.227	ug/L	99
15) Methyl Acetate	2.394	43	14375	4.131	ug/L #	87
16) Methylene chloride	2.455	84	42014	4.027	ug/L	94
17) Methyl tert-butyl Ether	2.715	73	82509	4.699	ug/L	98
18) trans-1,2-Dichloroethene	2.703	96	33218	3.943	ug/L	96
19) 1,1-Dichloroethane	3.121	63	72294	4.444	ug/L	99
21) 2-Butanone	3.899	43	84861	45.115	ug/L	85
22) cis-1,2-Dichloroethene	3.828	96	39146	4.404	ug/L	96
23) Bromochloromethane	4.159	128	18937	4.525	ug/L	98
25) Chloroform	4.288	83	83107	4.762	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.053	62	54086	4.938	ug/L		100
29) 1,1,1-Trichloroethane	4.522	97	77027	4.643	ug/L		99
30) Cyclohexane	4.587	56	47139	3.762	ug/L		97
31) Carbon tetrachloride	4.744	117	70300	4.718	ug/L		97
33) Benzene	5.021	78	152966	4.606	ug/L		100
34) Trichloroethene	5.844	95	39356	4.446	ug/L		98
35) Methylcyclohexane	6.059	83	52907	3.857	ug/L		98
37) 1,2-Dichloropropane	6.101	63	38423	4.878	ug/L	#	95
38) Bromodichloromethane	6.442	83	56142	4.870	ug/L		96
39) cis-1,3-Dichloropropene	6.963	75	50704	4.298	ug/L		98
40) 4-Methyl-2-pentanone	7.169	43	232030	56.855	ug/L		99
42) Toluene	7.323	91	165613	4.632	ug/L		97
44) trans-1,3-Dichloropropene	7.590	75	45477	4.524	ug/L		89
45) 1,1,2-Trichloroethane	7.776	97	29697	5.081	ug/L		99
47) Tetrachloroethene	7.911	164	36726	4.349	ug/L		98
48) 2-Hexanone	8.085	43	179087	57.214	ug/L		99
49) Dibromochloromethane	8.181	129	38709	5.265	ug/L		94
50) 1,2-Dibromoethane	8.288	107	26412	5.067	ug/L	#	99
51) Chlorobenzene	8.821	112	111864	4.615	ug/L		97
52) Ethylbenzene	8.953	91	170702	4.379	ug/L		96
53) m,p-Xylene	9.079	106	69334	4.457	ug/L		99
54) o-Xylene	9.484	106	65094	4.397	ug/L		98
55) Styrene	9.503	104	113903	4.560	ug/L		99
57) 1,1,2,2-Tetrachloroethane	10.185	83	35448	5.426	ug/L		99
59) Bromoform	9.673	173	23567	5.060	ug/L		99
60) Isopropylbenzene	9.873	105	183237	4.295	ug/L		99
61) 1,2,3-Trichloropropane	10.217	75	24191	4.867	ug/L		97
62) 1,3,5-Trimethylbenzene	10.484	105	144078	4.149	ug/L		99
63) 1,2,4-Trimethylbenzene	10.860	105	144812	4.115	ug/L		99
64) 1,3-Dichlorobenzene	11.124	146	99946	4.562	ug/L		97
65) 1,4-Dichlorobenzene	11.217	146	96148	4.350	ug/L		97
67) 1,2-Dichlorobenzene	11.587	146	89270	4.531	ug/L		97
68) 1,2-Dibromo-3-chloropr...	12.374	75	5658	4.485	ug/L		89
69) 1,3,5-Trichlorobenzene	12.590	180	73481	4.236	ug/L		98
70) 1,2,4-trichlorobenzene	13.207	180	57814	4.337	ug/L		99
71) Naphthalene	13.448	128	79145	4.140	ug/L		100
72) 1,2,3-Trichlorobenzene	13.689	180	50168	4.446	ug/L		99

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

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