Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081723\
Data File : VV031838.D
Acq On : 17 Aug 2023 18:01
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005376

Quant Time: Aug 18 02:35:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081723WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Aug 18 02:24:23 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	217510	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	221205	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	129640	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	44230	3.418	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 68.400%			
7) Chloroethane-d5	1.532	69	45985	3.389	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 67.800%			
11) 1,1-Dichloroethene-d2	2.059	65	26250	3.512	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.200%			
20) 2-Butanone-d5	3.799	46	194981	43.767	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 87.540%			
24) Chloroform-d	4.256	84	155304	4.136	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.800%			
26) 1,2-Dichloroethane-d4	4.950	65	78460	4.231	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.600%			
32) Benzene-d6	4.966	84	288731	4.784	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.600%			
36) 1,2-Dichloropropane-d6	5.995	67	94436	4.407	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.200%			
41) Toluene-d8	7.249	98	287198	5.227	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.600%			
43) trans-1,3-Dichloroprop...	7.561	79	32234	4.900	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.000%			
46) 2-Hexanone-d5	8.030	63	165902	52.906	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.820%			
56) 1,1,2,2-Tetrachloroeth...	10.159	84	71948	4.841	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.800%			
66) 1,2-Dichlorobenzene-d4	11.567	152	112730	4.930	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	78830	3.992	ug/L	97
3) Chloromethane	1.217	50	58162	3.058	ug/L	97
5) Vinyl chloride	1.281	62	64663	3.437	ug/L	99
6) Bromomethane	1.487	94	38235	3.099	ug/L	85
8) Chloroethane	1.548	64	40364	3.423	ug/L	100
9) Trichlorofluoromethane	1.712	101	120084	4.045	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	67650	4.049	ug/L	96
12) 1,1-Dichloroethene	2.069	96	58988	4.084	ug/L	84
13) Acetone	2.124	43	82622	32.320	ug/L	99
14) Carbon disulfide	2.240	76	166238	4.163	ug/L	100
15) Methyl Acetate	2.381	43	25150	3.718	ug/L #	90
16) Methylene chloride	2.449	84	78931	4.084	ug/L	95
17) Methyl tert-butyl Ether	2.709	73	150729	5.071	ug/L	94
18) trans-1,2-Dichloroethene	2.699	96	60697	4.487	ug/L	96
19) 1,1-Dichloroethane	3.114	63	123172	4.313	ug/L	98
21) 2-Butanone	3.883	43	140694	40.516	ug/L	95
22) cis-1,2-Dichloroethene	3.821	96	66944	4.851	ug/L	93
23) Bromochloromethane	4.156	128	33147	4.713	ug/L	96
25) Chloroform	4.281	83	134662	4.429	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.050	62	74220	4.124	ug/L		99
29) 1,1,1-Trichloroethane	4.519	97	120633	4.822	ug/L		99
30) Cyclohexane	4.587	56	91030	5.290	ug/L		98
31) Carbon tetrachloride	4.741	117	107615	4.860	ug/L		98
33) Benzene	5.018	78	256985	4.883	ug/L		100
34) Trichloroethene	5.837	95	76942	5.123	ug/L		89
35) Methylcyclohexane	6.053	83	90856	5.355	ug/L		98
37) 1,2-Dichloropropane	6.101	63	70997	4.714	ug/L		99
38) Bromodichloromethane	6.439	83	92991	4.709	ug/L	#	99
39) cis-1,3-Dichloropropene	6.960	75	92324	5.139	ug/L		94
40) 4-Methyl-2-pentanone	7.165	43	374377	47.551	ug/L		95
42) Toluene	7.320	91	276068	5.287	ug/L		100
44) trans-1,3-Dichloropropene	7.590	75	77710	4.840	ug/L		99
45) 1,1,2-Trichloroethane	7.776	97	51656	4.530	ug/L		97
47) Tetrachloroethene	7.911	164	57540	5.212	ug/L		87
48) 2-Hexanone	8.082	43	277272	44.629	ug/L		95
49) Dibromochloromethane	8.181	129	62027	4.816	ug/L		97
50) 1,2-Dibromoethane	8.291	107	51912	4.943	ug/L	#	94
51) Chlorobenzene	8.818	112	183291	5.132	ug/L		90
52) Ethylbenzene	8.953	91	284684	5.415	ug/L		99
53) m,p-Xylene	9.078	106	106544	5.663	ug/L		95
54) o-Xylene	9.484	106	101577	5.672	ug/L		99
55) Styrene	9.503	104	185990	5.693	ug/L		97
57) 1,1,2,2-Tetrachloroethane	10.185	83	54712	4.817	ug/L		99
59) Bromoform	9.670	173	34165	4.491	ug/L		97
60) Isopropylbenzene	9.873	105	286137	5.459	ug/L		98
61) 1,2,3-Trichloropropane	10.217	75	46654	4.356	ug/L		97
62) 1,3,5-Trimethylbenzene	10.480	105	232135	5.453	ug/L		99
63) 1,2,4-Trimethylbenzene	10.857	105	229445	5.379	ug/L		99
64) 1,3-Dichlorobenzene	11.123	146	159023	5.227	ug/L		99
65) 1,4-Dichlorobenzene	11.213	146	157323	5.107	ug/L		95
67) 1,2-Dichlorobenzene	11.586	146	146038	5.040	ug/L		97
68) 1,2-Dibromo-3-chloropr...	12.371	75	10020	4.995	ug/L		89
69) 1,3,5-Trichlorobenzene	12.590	180	118080	5.428	ug/L		99
70) 1,2,4-trichlorobenzene	13.204	180	97781	5.342	ug/L		99
71) Naphthalene	13.445	128	137723	5.143	ug/L		99
72) 1,2,3-Trichlorobenzene	13.686	180	87827	5.308	ug/L		99

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

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