Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042823\
Data File : VV030942.D
Acq On : 28 Apr 2023 23:52
Operator : SY/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005337

Quant Time: Apr 29 01:16:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Apr 29 01:06:38 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	129071	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	129521	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	73133	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	46714	4.393	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.800%			
7) Chloroethane-d5	1.539	69	40690	4.691	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.800%			
11) 1,1-Dichloroethene-d2	2.063	65	24282	4.315	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 86.200%			
20) 2-Butanone-d5	3.815	46	96004	50.910	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.820%			
24) Chloroform-d	4.259	84	101305	4.794	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.800%			
26) 1,2-Dichloroethane-d4	4.950	65	53034	4.936	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.800%			
32) Benzene-d6	4.969	84	177371	4.672	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.400%			
36) 1,2-Dichloropropane-d6	5.998	67	50838	4.605	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.200%			
41) Toluene-d8	7.249	98	168104	4.650	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.000%			
43) trans-1,3-Dichloroprop...	7.561	79	19893	4.807	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 96.200%			
46) 2-Hexanone-d5	8.037	63	68949	47.556	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.120%			
56) 1,1,2,2-Tetrachloroeth...	10.162	84	39490	4.935	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.800%			
66) 1,2-Dichlorobenzene-d4	11.570	152	65975	4.840	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	49854	4.889	ug/L	99
3) Chloromethane	1.217	50	55886	4.670	ug/L	98
5) Vinyl chloride	1.285	62	48626	4.855	ug/L	99
6) Bromomethane	1.490	94	22585	4.735	ug/L	98
8) Chloroethane	1.555	64	29332	4.812	ug/L	100
9) Trichlorofluoromethane	1.719	101	91292	4.941	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	45753	4.851	ug/L	97
12) 1,1-Dichloroethene	2.076	96	39201	4.513	ug/L	90
13) Acetone	2.146	43	60849	37.776	ug/L	86
14) Carbon disulfide	2.246	76	104961	4.618	ug/L	98
15) Methyl Acetate	2.391	43	12641	3.857	ug/L #	89
16) Methylene chloride	2.455	84	40126	4.084	ug/L	100
17) Methyl tert-butyl Ether	2.712	73	77361	4.679	ug/L	100
18) trans-1,2-Dichloroethene	2.703	96	37753	4.758	ug/L	98
19) 1,1-Dichloroethane	3.121	63	74116	4.838	ug/L	99
21) 2-Butanone	3.905	43	74324	41.954	ug/L	94
22) cis-1,2-Dichloroethene	3.825	96	40111	4.791	ug/L	97
23) Bromochloromethane	4.162	128	19401	4.922	ug/L	95
25) Chloroform	4.288	83	81024	4.929	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.050	62	52282	5.068	ug/L		100
29) 1,1,1-Trichloroethane	4.522	97	77495	4.762	ug/L		99
30) Cyclohexane	4.593	56	57216	4.654	ug/L		98
31) Carbon tetrachloride	4.744	117	72223	4.940	ug/L		97
33) Benzene	5.018	78	161303	4.951	ug/L		100
34) Trichloroethene	5.844	95	41618	4.792	ug/L		98
35) Methylcyclohexane	6.059	83	59730	4.438	ug/L		98
37) 1,2-Dichloropropane	6.101	63	38484	4.980	ug/L		98
38) Bromodichloromethane	6.442	83	54368	4.807	ug/L		99
39) cis-1,3-Dichloropropene	6.963	75	52459	4.532	ug/L		95
40) 4-Methyl-2-pentanone	7.169	43	200380	50.046	ug/L		99
42) Toluene	7.323	91	177488	5.060	ug/L		100
44) trans-1,3-Dichloropropene	7.590	75	47557	4.822	ug/L		98
45) 1,1,2-Trichloroethane	7.776	97	27747	4.839	ug/L		99
47) Tetrachloroethene	7.911	164	39062	4.715	ug/L		95
48) 2-Hexanone	8.085	43	147084	47.895	ug/L		97
49) Dibromochloromethane	8.181	129	35297	4.893	ug/L		96
50) 1,2-Dibromoethane	8.291	107	25957	5.076	ug/L	#	96
51) Chlorobenzene	8.821	112	112901	4.748	ug/L		100
52) Ethylbenzene	8.953	91	182037	4.760	ug/L		95
53) m,p-Xylene	9.079	106	72297	4.737	ug/L		98
54) o-Xylene	9.487	106	67525	4.649	ug/L		92
55) Styrene	9.503	104	120729	4.926	ug/L		98
57) 1,1,2,2-Tetrachloroethane	10.185	83	32176	5.020	ug/L		97
59) Bromoform	9.673	173	21942	5.097	ug/L		99
60) Isopropylbenzene	9.876	105	189267	4.800	ug/L		99
61) 1,2,3-Trichloropropane	10.217	75	22240	4.841	ug/L		97
62) 1,3,5-Trimethylbenzene	10.484	105	147584	4.598	ug/L		99
63) 1,2,4-Trimethylbenzene	10.860	105	151855	4.669	ug/L		98
64) 1,3-Dichlorobenzene	11.124	146	98782	4.878	ug/L		98
65) 1,4-Dichlorobenzene	11.217	146	98124	4.803	ug/L		95
67) 1,2-Dichlorobenzene	11.587	146	89495	4.915	ug/L		97
68) 1,2-Dibromo-3-chloropr...	12.374	75	5311	4.555	ug/L	#	81
69) 1,3,5-Trichlorobenzene	12.590	180	75244	4.693	ug/L		98
70) 1,2,4-trichlorobenzene	13.207	180	58042	4.711	ug/L		99
71) Naphthalene	13.448	128	72011	4.076	ug/L		99
72) 1,2,3-Trichlorobenzene	13.689	180	47706	4.574	ug/L		99

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

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