Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV033023\
Data File : VV030346.D
Acq On : 30 Mar 2023 09:23
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD005316

Quant Time: Mar 31 05:31:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Mar 30 01:55:26 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	138530	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	136676	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	79932	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	41104	4.480	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.600%			
7) Chloroethane-d5	1.536	69	41850	4.700	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.000%			
11) 1,1-Dichloroethene-d2	2.066	63	101727	4.673	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.400%			
20) 2-Butanone-d5	3.818	46	125344	52.856	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.720%			
24) Chloroform-d	4.259	84	113008	5.089	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.800%			
26) 1,2-Dichloroethane-d4	4.950	65	53642	5.120	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.400%			
32) Benzene-d6	4.966	84	196163	5.093	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.800%			
36) 1,2-Dichloropropane-d6	5.995	67	60459	5.014	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.200%			
41) Toluene-d8	7.249	98	182741	5.167	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.400%			
43) trans-1,3-Dichloroprop...	7.558	79	21195	4.669	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.400%			
46) 2-Hexanone-d5	8.034	63	95400	52.295	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.600%			
56) 1,1,2,2-Tetrachloroeth...	10.159	84	47851	5.035	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.800%			
66) 1,2-Dichlorobenzene-d4	11.571	152	67526	4.727	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	86373	4.904	ug/L	100
3) Chloromethane	1.217	50	103827	4.672	ug/L	98
5) Vinyl chloride	1.285	62	76827	4.742	ug/L	99
6) Bromomethane	1.491	94	23350	5.053	ug/L	98
8) Chloroethane	1.555	64	46955	5.060	ug/L	97
9) Trichlorofluoromethane	1.719	101	120238	5.091	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	64012	4.911	ug/L	99
12) 1,1-Dichloroethene	2.076	96	58540	5.058	ug/L	89
13) Acetone	2.146	43	114885	50.661	ug/L	83
14) Carbon disulfide	2.246	76	186162	4.883	ug/L	99
15) Methyl Acetate	2.391	43	20674	5.102	ug/L	92
16) Methylene chloride	2.452	84	64371	4.702	ug/L	96
17) Methyl tert-butyl Ether	2.712	73	113388	4.625	ug/L	99
18) trans-1,2-Dichloroethene	2.700	96	56545	4.637	ug/L	97
19) 1,1-Dichloroethane	3.118	63	114373	4.838	ug/L	97
21) 2-Butanone	3.896	43	152485	53.424	ug/L	96
22) cis-1,2-Dichloroethene	3.825	96	59975	4.901	ug/L	99
23) Bromochloromethane	4.156	128	27800	4.864	ug/L	96
25) Chloroform	4.285	83	119924	5.020	ug/L	93

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ALS Vial : 2 Sample Multiplier: 1

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MSVOA_V
ClientSampleId :
VSTD005316

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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	5.050	62	72821	5.042	ug/L	97
29) 1,1,1-Trichloroethane	4.523	97	109574	4.988	ug/L	98
30) Cyclohexane	4.593	56	96433	4.819	ug/L	100
31) Carbon tetrachloride	4.744	117	99325	4.983	ug/L	99
33) Benzene	5.018	78	245752	5.062	ug/L	100
34) Trichloroethene	5.841	95	63821	4.875	ug/L	97
35) Methylcyclohexane	6.059	83	99987	4.865	ug/L	99
37) 1,2-Dichloropropane	6.101	63	61579	4.941	ug/L	100
38) Bromodichloromethane	6.439	83	81780	5.011	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	82878	4.729	ug/L	99
40) 4-Methyl-2-pentanone	7.166	43	330090	50.264	ug/L	100
42) Toluene	7.323	91	272169	5.264	ug/L	98
44) trans-1,3-Dichloropropene	7.590	75	69665	4.672	ug/L	99
45) 1,1,2-Trichloroethane	7.776	97	42567	4.851	ug/L	98
47) Tetrachloroethene	7.912	164	57363	4.964	ug/L	99
48) 2-Hexanone	8.085	43	260033	52.870	ug/L	98
49) Dibromochloromethane	8.185	129	50962	4.879	ug/L	98
50) 1,2-Dibromoethane	8.291	107	38541	4.828	ug/L	96
51) Chlorobenzene	8.821	112	165899	5.011	ug/L	99
52) Ethylbenzene	8.953	91	281555	4.977	ug/L	99
53) m,p-Xylene	9.079	106	110438	5.100	ug/L	99
54) o-Xylene	9.487	106	102492	4.946	ug/L	96
55) Styrene	9.503	104	181927	5.169	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	49700	4.772	ug/L	98
59) Bromoform	9.674	173	29732	4.602	ug/L	98
60) Isopropylbenzene	9.876	105	285903	4.850	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	33843	4.736	ug/L	100
62) 1,3,5-Trimethylbenzene	10.484	105	226719	4.713	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	237654	4.848	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	145856	4.962	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	143920	4.860	ug/L	100
67) 1,2-Dichlorobenzene	11.587	146	127807	4.825	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	7182	4.040	ug/L	90
69) 1,3,5-Trichlorobenzene	12.590	180	108225	4.782	ug/L	98
70) 1,2,4-trichlorobenzene	13.207	180	80057	4.581	ug/L	99
71) Naphthalene	13.448	128	99513	3.987	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	66119	4.368	ug/L	100

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

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