Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032423\
Data File : VU053415.D
Acq On : 25 Mar 2023 01:37
Operator : JC/MD
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005146

Quant Time: Mar 25 01:52:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Mar 25 00:39:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	141867	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	136314	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	69614	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	47332	4.850	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 97.000%			
7) Chloroethane-d5	1.916	69	43409	4.901	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.000%			
11) 1,1-Dichloroethene-d2	2.565	65	20094	4.833	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 96.600%			
20) 2-Butanone-d5	4.636	46	119093	53.267	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.540%			
24) Chloroform-d	5.057	84	94651	5.231	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.600%			
26) 1,2-Dichloroethane-d4	5.697	65	47065	5.076	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.600%			
32) Benzene-d6	5.722	84	191954	4.969	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.400%			
36) 1,2-Dichloropropane-d6	6.687	67	58649	4.982	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.600%			
41) Toluene-d8	7.893	98	180837	4.962	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.200%			
43) trans-1,3-Dichloroprop...	8.176	79	21101	4.671	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.400%			
46) 2-Hexanone-d5	8.629	63	90344	49.238	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 98.480%			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	50506	5.155	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.000%			
66) 1,2-Dichlorobenzene-d4	12.188	152	64746	5.170	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	51351	5.044	ug/L	98
3) Chloromethane	1.520	50	48282	4.714	ug/L	100
5) Vinyl chloride	1.604	62	56309	4.876	ug/L	99
6) Bromomethane	1.858	94	35893	4.907	ug/L	91
8) Chloroethane	1.935	64	33670	5.016	ug/L	93
9) Trichlorofluoromethane	2.137	101	79877	4.580	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	42810	4.843	ug/L	100
12) 1,1-Dichloroethene	2.578	96	39083	4.866	ug/L	96
13) Acetone	2.658	43	56484	42.571	ug/L #	49
14) Carbon disulfide	2.793	76	113940	4.833	ug/L	100
15) Methyl Acetate	2.954	43	16846	5.412	ug/L	99
16) Methylene chloride	3.044	84	59254	5.617	ug/L	96
17) Methyl tert-butyl Ether	3.359	73	97260	4.995	ug/L	98
18) trans-1,2-Dichloroethene	3.350	96	39983	4.792	ug/L	97
19) 1,1-Dichloroethane	3.867	63	78760	5.124	ug/L	97
21) 2-Butanone	4.713	43	95238	46.227	ug/L	98
22) cis-1,2-Dichloroethene	4.661	96	46898	4.172	ug/L	91
23) Bromochloromethane	4.970	128	19576	4.920	ug/L	96
25) Chloroform	5.086	83	77995	4.933	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.790	62	50991	5.149	ug/L		96
29) 1,1,1-Trichloroethane	5.311	97	68090	5.060	ug/L		99
30) Cyclohexane	5.385	56	67502	4.708	ug/L		99
31) Carbon tetrachloride	5.520	117	54568	4.792	ug/L		97
33) Benzene	5.767	78	178397	4.885	ug/L		100
34) Trichloroethene	6.539	95	46437	4.774	ug/L		96
35) Methylcyclohexane	6.758	83	78698	4.715	ug/L		98
37) 1,2-Dichloropropane	6.787	63	45256	4.693	ug/L		99
38) Bromodichloromethane	7.102	83	53081	4.956	ug/L	#	97
39) cis-1,3-Dichloropropene	7.603	75	67977	4.771	ug/L		98
40) 4-Methyl-2-pentanone	7.787	43	226716	48.040	ug/L		99
42) Toluene	7.964	91	197020	4.937	ug/L		95
44) trans-1,3-Dichloropropene	8.205	75	55416	4.780	ug/L		98
45) 1,1,2-Trichloroethane	8.394	97	33819	4.939	ug/L		94
47) Tetrachloroethene	8.549	164	33728	4.720	ug/L		96
48) 2-Hexanone	8.681	43	162649	46.611	ug/L		98
49) Dibromochloromethane	8.803	129	32623	4.818	ug/L		96
50) 1,2-Dibromoethane	8.918	107	32193	4.868	ug/L	#	91
51) Chlorobenzene	9.443	112	124300	4.938	ug/L		100
52) Ethylbenzene	9.565	91	213003	4.896	ug/L		99
53) m,p-Xylene	9.690	106	83198	5.017	ug/L		98
54) o-Xylene	10.095	106	78371	4.981	ug/L		97
55) Styrene	10.111	104	130498	5.051	ug/L		96
57) 1,1,2,2-Tetrachloroethane	10.777	83	40918	4.732	ug/L		93
59) Bromoform	10.285	173	17256	4.814	ug/L		95
60) Isopropylbenzene	10.478	105	212479	5.025	ug/L		99
61) 1,2,3-Trichloropropane	10.819	75	28501	4.941	ug/L		97
62) 1,3,5-Trimethylbenzene	11.082	105	173231	5.049	ug/L		100
63) 1,2,4-Trimethylbenzene	11.462	105	172304	4.903	ug/L		98
64) 1,3-Dichlorobenzene	11.742	146	94145	5.064	ug/L		99
65) 1,4-Dichlorobenzene	11.832	146	94052	5.038	ug/L		98
67) 1,2-Dichlorobenzene	12.208	146	87824	4.983	ug/L		96
68) 1,2-Dibromo-3-chloropr...	12.989	75	5904	5.279	ug/L	#	86
69) 1,3,5-Trichlorobenzene	13.214	180	61468	4.736	ug/L		99
70) 1,2,4-trichlorobenzene	13.835	180	50402	4.885	ug/L		98
71) Naphthalene	14.082	128	93359	4.802	ug/L		99
72) 1,2,3-Trichlorobenzene	14.323	180	43891	4.873	ug/L		97

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

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