Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070824\
Data File : VU059888.D
Acq On : 08 Jul 2024 17:06
Operator : MD/SY
Sample : VSTDCCC005EC
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD005140

Quant Time: Jul 09 02:38:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jul 09 02:28:04 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	153857	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	157103	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	83686	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	36943	3.453	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 69.000%			
7) Chloroethane-d5	1.908	69	34232	3.325	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 66.600%			
11) 1,1-Dichloroethene-d2	2.560	65	14213	3.202	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 64.000%			
20) 2-Butanone-d5	4.618	46	116480	52.856	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.720%			
24) Chloroform-d	5.055	84	87639	3.991	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 79.800%			
26) 1,2-Dichloroethane-d4	5.695	65	43965	4.156	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.200%			
32) Benzene-d6	5.721	84	158891	3.675	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 73.400%			
36) 1,2-Dichloropropane-d6	6.685	67	54314	4.100	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 82.000%			
41) Toluene-d8	7.894	98	145203	3.612	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 72.200%			
43) trans-1,3-Dichloroprop...	8.177	79	19876	4.791	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.800%			
46) 2-Hexanone-d5	8.628	63	98084	56.900	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 113.800%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	52555	4.801	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.000%			
66) 1,2-Dichlorobenzene-d4	12.187	152	59506	3.995	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 80.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	58890	4.517	ug/L	99
3) Chloromethane	1.518	50	67200	4.789	ug/L	99
5) Vinyl chloride	1.599	62	79078	5.102	ug/L	100
6) Bromomethane	1.850	94	33333	3.093	ug/L	91
8) Chloroethane	1.927	64	49743	5.326	ug/L	94
9) Trichlorofluoromethane	2.133	101	98132	5.259	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	61418	5.200	ug/L	94
12) 1,1-Dichloroethene	2.573	96	58108	5.325	ug/L #	77
13) Acetone	2.628	43	78068	54.611	ug/L	91
14) Carbon disulfide	2.785	76	180356	4.954	ug/L	99
15) Methyl Acetate	2.946	43	20905	5.542	ug/L #	86
16) Methylene chloride	3.039	84	67579	5.226	ug/L	90
17) Methyl tert-butyl Ether	3.358	73	134519	5.721	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	59504	5.243	ug/L	91
19) 1,1-Dichloroethane	3.862	63	112346	5.368	ug/L	98
21) 2-Butanone	4.698	43	131768	57.468	ug/L	89
22) cis-1,2-Dichloroethene	4.660	96	66424	5.310	ug/L	97
23) Bromochloromethane	4.968	128	32198	5.646	ug/L	88
25) Chloroform	5.081	83	119034	5.400	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.788	62	71082	5.322	ug/L		98
29) 1,1,1-Trichloroethane	5.309	97	96233	5.304	ug/L		97
30) Cyclohexane	5.380	56	80301	5.013	ug/L		93
31) Carbon tetrachloride	5.515	117	80632	5.308	ug/L		100
33) Benzene	5.769	78	257646	5.400	ug/L		100
34) Trichloroethene	6.538	95	65893	5.100	ug/L		93
35) Methylcyclohexane	6.759	83	93243	5.072	ug/L		93
37) 1,2-Dichloropropane	6.785	63	68095	5.515	ug/L	#	98
38) Bromodichloromethane	7.100	83	84732	5.498	ug/L		97
39) cis-1,3-Dichloropropene	7.602	75	92092	5.454	ug/L		99
40) 4-Methyl-2-pentanone	7.785	43	335344	58.618	ug/L	#	94
42) Toluene	7.965	91	283471	5.612	ug/L		99
44) trans-1,3-Dichloropropene	8.206	75	77280	5.702	ug/L		98
45) 1,1,2-Trichloroethane	8.393	97	52559	5.777	ug/L		98
47) Tetrachloroethene	8.547	164	56078	5.593	ug/L		95
48) 2-Hexanone	8.679	43	248611	60.891	ug/L	#	93
49) Dibromochloromethane	8.804	129	58298	5.785	ug/L		99
50) 1,2-Dibromoethane	8.920	107	49347	5.873	ug/L		100
51) Chlorobenzene	9.444	112	175879	5.490	ug/L		96
52) Ethylbenzene	9.566	91	279832	5.401	ug/L		97
53) m,p-Xylene	9.689	106	108753	5.465	ug/L		97
54) o-Xylene	10.097	106	103375	5.474	ug/L		99
55) Styrene	10.110	104	181013	5.630	ug/L		97
57) 1,1,2,2-Tetrachloroethane	10.775	83	65766	5.959	ug/L		96
59) Bromoform	10.283	173	36448	5.691	ug/L		97
60) Isopropylbenzene	10.480	105	273919	5.299	ug/L		98
61) 1,2,3-Trichloropropane	10.817	75	45071	5.828	ug/L		98
62) 1,3,5-Trimethylbenzene	11.084	105	212214	5.182	ug/L		98
63) 1,2,4-Trimethylbenzene	11.463	105	209095	5.340	ug/L		97
64) 1,3-Dichlorobenzene	11.740	146	142263	5.411	ug/L		100
65) 1,4-Dichlorobenzene	11.830	146	143895	5.317	ug/L		97
67) 1,2-Dichlorobenzene	12.209	146	133944	5.413	ug/L		96
68) 1,2-Dibromo-3-chloropr...	12.991	75	8969	5.946	ug/L	#	81
69) 1,3,5-Trichlorobenzene	13.216	180	103579	5.322	ug/L		98
70) 1,2,4-trichlorobenzene	13.836	180	83593	5.599	ug/L		97
71) Naphthalene	14.084	128	121699	5.695	ug/L		99
72) 1,2,3-Trichlorobenzene	14.325	180	79951	5.767	ug/L		98

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

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