Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062924\
Data File : VU059667.D
Acq On : 29 Jun 2024 09:45
Operator : MD/SY
Sample : P3068-10MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 55 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GCL26MSD

Quant Time: Jun 30 22:39:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jun 29 01:51:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	150931	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	152024	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	78402	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	31419	2.994	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 59.800%			
7) Chloroethane-d5	1.908	69	35804	3.546	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 71.000%			
11) 1,1-Dichloroethene-d2	2.560	65	14180	3.257	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 65.200%			
20) 2-Butanone-d5	4.621	46	107930	49.925	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.860%			
24) Chloroform-d	5.055	84	94148	4.370	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.400%			
26) 1,2-Dichloroethane-d4	5.698	65	45712	4.405	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.200%			
32) Benzene-d6	5.721	84	179580	4.292	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.800%			
36) 1,2-Dichloropropane-d6	6.682	67	57247	4.465	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.400%			
41) Toluene-d8	7.891	98	160434	4.125	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.400%			
43) trans-1,3-Dichloroprop...	8.174	79	17566	4.376	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 87.600%			
46) 2-Hexanone-d5	8.628	63	91492	54.849	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 109.700%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	52404	4.947	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.000%			
66) 1,2-Dichlorobenzene-d4	12.187	152	62172	4.455	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	56811	4.442	ug/L	98
3) Chloromethane	1.515	50	65575	4.764	ug/L	100
5) Vinyl chloride	1.599	62	71777	4.721	ug/L	99
6) Bromomethane	1.853	94	45333	4.288	ug/L	96
8) Chloroethane	1.930	64	47472	5.182	ug/L	99
9) Trichlorofluoromethane	2.133	101	136257	7.444	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	49114	4.239	ug/L	93
12) 1,1-Dichloroethene	2.573	96	50813	4.747	ug/L	79
13) Acetone	2.634	43	68957	49.173	ug/L	91
14) Carbon disulfide	2.785	76	159422	4.464	ug/L	100
15) Methyl Acetate	2.949	43	14936	4.036	ug/L #	83
16) Methylene chloride	3.036	84	62016	4.889	ug/L	91
17) Methyl tert-butyl Ether	3.354	73	120822	5.238	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	53673	4.821	ug/L	94
19) 1,1-Dichloroethane	3.859	63	103647	5.049	ug/L	98
21) 2-Butanone	4.698	43	114606	50.952	ug/L	88
22) cis-1,2-Dichloroethene	4.657	96	61927	5.047	ug/L	94
23) Bromochloromethane	4.965	128	30227	5.403	ug/L #	87
25) Chloroform	5.078	83	111223	5.144	ug/L	97

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	5.785	62	67318	5.138	ug/L		98
29) 1,1,1-Trichloroethane	5.306	97	85873	4.891	ug/L		98
30) Cyclohexane	5.380	56	64983	4.193	ug/L		94
31) Carbon tetrachloride	5.515	117	68960	4.691	ug/L		99
33) Benzene	5.766	78	236972	5.133	ug/L		100
34) Trichloroethene	6.534	95	122750	9.818	ug/L		96
35) Methylcyclohexane	6.756	83	69136	3.886	ug/L		96
37) 1,2-Dichloropropane	6.782	63	61773	5.171	ug/L	#	97
38) Bromodichloromethane	7.097	83	77155	5.174	ug/L		95
39) cis-1,3-Dichloropropene	7.602	75	78479	4.803	ug/L		100
40) 4-Methyl-2-pentanone	7.782	43	293641	53.043	ug/L		94
42) Toluene	7.962	91	253836	5.193	ug/L		99
44) trans-1,3-Dichloropropene	8.203	75	64901	4.949	ug/L		99
45) 1,1,2-Trichloroethane	8.393	97	46494	5.281	ug/L		98
47) Tetrachloroethene	8.547	164	46595	4.803	ug/L		95
48) 2-Hexanone	8.676	43	213556	54.052	ug/L	#	94
49) Dibromochloromethane	8.801	129	50723	5.201	ug/L		97
50) 1,2-Dibromoethane	8.917	107	43666	5.371	ug/L		98
51) Chlorobenzene	9.441	112	157986	5.097	ug/L		96
52) Ethylbenzene	9.563	91	246319	4.913	ug/L		97
53) m,p-Xylene	9.689	106	96874	5.031	ug/L		98
54) o-Xylene	10.094	106	93044	5.091	ug/L		97
55) Styrene	10.110	104	158150	5.084	ug/L		94
57) 1,1,2,2-Tetrachloroethane	10.775	83	58657	5.492	ug/L		97
59) Bromoform	10.283	173	31917	5.319	ug/L	#	99
60) Isopropylbenzene	10.476	105	235910	4.871	ug/L		98
61) 1,2,3-Trichloropropane	10.814	75	39008	5.384	ug/L		96
62) 1,3,5-Trimethylbenzene	11.081	105	179192	4.670	ug/L		99
63) 1,2,4-Trimethylbenzene	11.460	105	175895	4.795	ug/L		97
64) 1,3-Dichlorobenzene	11.740	146	125718	5.104	ug/L		99
65) 1,4-Dichlorobenzene	11.830	146	124266	4.901	ug/L		98
67) 1,2-Dichlorobenzene	12.206	146	119051	5.136	ug/L		97
68) 1,2-Dibromo-3-chloropr...	12.987	75	7886	5.580	ug/L		91
69) 1,3,5-Trichlorobenzene	13.213	180	87984	4.825	ug/L		98
70) 1,2,4-trichlorobenzene	13.833	180	72131	5.157	ug/L		99
71) Naphthalene	14.081	128	110421	5.515	ug/L		99
72) 1,2,3-Trichlorobenzene	14.322	180	67659	5.209	ug/L		98

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

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