Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020924\
Data File : BM044036.D
Acq On : 09 Feb 2024 13:05
Operator : MA/JU
Sample : 03572-07
Misc : LOD-MDL-WATER-8ppm
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2023

Quant Time: Feb 09 14:08:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 09 02:42:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.910	152	616193	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	2632726	20.000	ng		0.00
39) Acenaphthene-d10	14.551	164	1545091	20.000	ng		0.00
64) Phenanthrene-d10	17.304	188	3026248	20.000	ng		0.00
76) Chrysene-d12	21.498	240	2368369	20.000	ng		0.00
86) Perylene-d12	23.897	264	2565336	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	3376412	79.695	ng		0.00
7) Phenol-d6	7.075	99	4422811	82.048	ng		0.00
23) Nitrobenzene-d5	9.081	82	2992433	60.314	ng		0.00
42) 2,4,6-Tribromophenol	16.045	330	1400118	83.694	ng		0.00
45) 2-Fluorobiphenyl	13.180	172	6316975	57.701	ng		0.00
79) Terphenyl-d14	19.945	244	7839288	58.025	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	107369	6.386	ng		98
3) Pyridine	3.787	79	238603	5.375	ng		99
4) n-Nitrosodimethylamine	3.710	42	103084	6.120	ng	#	94
6) Aniline	7.240	93	385496	7.273	ng		98
8) 2-Chlorophenol	7.469	128	269510	6.092	ng		99
9) Benzaldehyde	7.057	77	237493m	8.573	ng		
10) Phenol	7.104	94	336225	6.180	ng		99
11) bis(2-Chloroethyl)ether	7.346	93	277533	6.160	ng		98
12) 1,3-Dichlorobenzene	7.793	146	297109	5.915	ng		99
13) 1,4-Dichlorobenzene	7.945	146	300803	5.941	ng		99
14) 1,2-Dichlorobenzene	8.257	146	289230	5.995	ng		98
15) Benzyl Alcohol	8.151	79	222901	6.351	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.451	45	362726	6.351	ng		98
17) 2-Methylphenol	8.351	107	217485	6.090	ng		97
18) Hexachloroethane	8.981	117	109701	5.786	ng		93
19) n-Nitroso-di-n-propyla...	8.722	70	214024	6.466	ng		98
20) 3+4-Methylphenols	8.681	107	287468	5.849	ng		99
22) Acetophenone	8.740	105	435073	6.511	ng	#	99
24) Nitrobenzene	9.122	77	311355	6.128	ng		100
25) Isophorone	9.639	82	578824	6.059	ng		97
26) 2-Nitrophenol	9.828	139	128941	5.474	ng		97
27) 2,4-Dimethylphenol	9.887	122	202235	6.714	ng		99
28) bis(2-Chloroethoxy)met...	10.134	93	380899	6.165	ng		99
29) 2,4-Dichlorophenol	10.357	162	231747	5.844	ng		98
30) 1,2,4-Trichlorobenzene	10.569	180	261272	5.859	ng		99
31) Naphthalene	10.763	128	879097	6.050	ng		100
32) Benzoic acid	9.969	122	111671	3.681	ng		99
33) 4-Chloroaniline	10.881	127	354187	6.437	ng		100
34) Hexachlorobutadiene	11.034	225	145317	5.694	ng		96
35) Caprolactam	11.651	113	73424	5.754	ng		96
36) 4-Chloro-3-methylphenol	11.998	107	251295	5.852	ng		98
37) 2-Methylnaphthalene	12.375	142	582351	6.017	ng		97
38) 1-Methylnaphthalene	12.592	142	569743	5.991	ng		100
40) 1,2,4,5-Tetrachloroben...	12.733	216	276943	6.167	ng		100
41) Hexachlorocyclopentadiene	12.710	237	129678	6.616	ng		99
43) 2,4,6-Trichlorophenol	12.980	196	174938	5.724	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	188750	5.627	ng	99
46) 1,1'-Biphenyl	13.386	154	775417	6.360	ng	99
47) 2-Chloronaphthalene	13.427	162	584821	6.055	ng	99
48) 2-Nitroaniline	13.639	65	154318	5.680	ng	93
49) Acenaphthylene	14.274	152	960010	6.663	ng	100
50) Dimethylphthalate	14.022	163	715819	6.248	ng	98
51) 2,6-Dinitrotoluene	14.139	165	141980	5.617	ng	95
52) Acenaphthene	14.616	154	545687	6.119	ng	97
53) 3-Nitroaniline	14.469	138	152993	5.632	ng	96
54) 2,4-Dinitrophenol	14.669	184	51652	8.754	ng	94
55) Dibenzofuran	14.951	168	878077	6.362	ng	100
56) 4-Nitrophenol	14.769	139	112328	5.087	ng	92
57) 2,4-Dinitrotoluene	14.921	165	180998	5.479	ng	97
58) Fluorene	15.598	166	691801	6.486	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.174	232	159873	6.074	ng	99
60) Diethylphthalate	15.386	149	702726	5.935	ng	99
61) 4-Chlorophenyl-phenyle...	15.604	204	330055	6.387	ng	99
62) 4-Nitroaniline	15.627	138	148180	5.419	ng	99
63) Azobenzene	15.892	77	680090	6.123	ng	98
65) 4,6-Dinitro-2-methylph...	15.680	198	77675	4.307	ng	97
66) n-Nitrosodiphenylamine	15.816	169	585310	6.366	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	162477	5.430	ng	98
68) Hexachlorobenzene	16.592	284	219671	5.993	ng	98
69) Atrazine	16.774	200	185371	7.446	ng	99
70) Pentachlorophenol	16.945	266	109504	4.593	ng	97
71) Phenanthrene	17.345	178	1031152	6.453	ng	100
72) Anthracene	17.433	178	995519	6.292	ng	99
73) Carbazole	17.710	167	928554	6.035	ng	100
74) Di-n-butylphthalate	18.292	149	1136567	5.683	ng	99
75) Fluoranthene	19.362	202	1067013	5.944	ng	99
77) Benzidine	19.562	184	418336	11.366	ng	100
78) Pyrene	19.727	202	1115413	6.115	ng	100
80) Butylbenzylphthalate	20.651	149	426377	5.259	ng	97
81) Benzo(a)anthracene	21.486	228	1011598	6.140	ng	99
82) 3,3'-Dichlorobenzidine	21.427	252	344631	6.376	ng	99
83) Chrysene	21.539	228	935478	6.010	ng	100
84) Bis(2-ethylhexyl)phtha...	21.433	149	656256	5.486	ng	99
85) Di-n-octyl phthalate	22.374	149	1029665	4.928	ng	99
87) Indeno(1,2,3-cd)pyrene	26.374	276	1063965	5.860	ng	100
88) Benzo(b)fluoranthene	23.162	252	968147	6.037	ng	99
89) Benzo(k)fluoranthene	23.215	252	898855	5.899	ng	99
90) Benzo(a)pyrene	23.786	252	811121	5.791	ng	99
91) Dibenzo(a,h)anthracene	26.403	278	897541	5.910	ng	99
92) Benzo(g,h,i)perylene	27.132	276	851829	5.530	ng	99

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

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