Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020924\
Data File : BM044040.D
Acq On : 09 Feb 2024 15:30
Operator : MA/JU
Sample : 04699-07
Misc : LOD-MDL-WATER-8ppm
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2023

Quant Time: Feb 09 16:18:30 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	601786	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	2560261	20.000	ng		0.00
39) Acenaphthene-d10	14.551	164	1508151	20.000	ng		0.00
64) Phenanthrene-d10	17.303	188	2968050	20.000	ng		0.00
76) Chrysene-d12	21.503	240	2299184	20.000	ng		0.00
86) Perylene-d12	23.897	264	2438909	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	3299143	79.736	ng		0.00
7) Phenol-d6	7.075	99	4343644	82.509	ng		0.00
23) Nitrobenzene-d5	9.080	82	2929028	60.707	ng		0.00
42) 2,4,6-Tribromophenol	16.045	330	1338433	81.966	ng		0.00
45) 2-Fluorobiphenyl	13.180	172	6210291	58.116	ng		0.00
79) Terphenyl-d14	19.944	244	7740580	59.019	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	103893	6.327	ng		100
3) Pyridine	3.787	79	236114	5.446	ng		98
4) n-Nitrosodimethylamine	3.710	42	94629	5.753	ng	#	99
6) Aniline	7.239	93	377076	7.285	ng		100
8) 2-Chlorophenol	7.469	128	260038	6.018	ng		98
9) Benzaldehyde	7.057	77	234682m	8.675	ng		
10) Phenol	7.104	94	330356	6.218	ng		99
11) bis(2-Chloroethyl)ether	7.345	93	272942	6.204	ng		98
12) 1,3-Dichlorobenzene	7.792	146	290129	5.914	ng		98
13) 1,4-Dichlorobenzene	7.945	146	294121	5.948	ng		100
14) 1,2-Dichlorobenzene	8.257	146	277219	5.884	ng		99
15) Benzyl Alcohol	8.151	79	214936	6.270	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.451	45	351925	6.310	ng		98
17) 2-Methylphenol	8.351	107	208272	5.972	ng		98
18) Hexachloroethane	8.980	117	109231	5.900	ng		98
19) n-Nitroso-di-n-propyla...	8.722	70	209610	6.484	ng		98
20) 3+4-Methylphenols	8.681	107	284821	5.934	ng		97
22) Acetophenone	8.739	105	424967	6.539	ng	#	98
24) Nitrobenzene	9.116	77	304467	6.162	ng		97
25) Isophorone	9.639	82	567755	6.111	ng		98
26) 2-Nitrophenol	9.827	139	124074	5.416	ng		99
27) 2,4-Dimethylphenol	9.886	122	188681	6.442	ng		98
28) bis(2-Chloroethoxy)met...	10.133	93	373281	6.213	ng		99
29) 2,4-Dichlorophenol	10.357	162	225514	5.848	ng		98
30) 1,2,4-Trichlorobenzene	10.569	180	254693	5.873	ng		99
31) Naphthalene	10.757	128	858397	6.075	ng		100
32) Benzoic acid	9.969	122	106032	3.594	ng		98
33) 4-Chloroaniline	10.880	127	347272	6.490	ng		99
34) Hexachlorobutadiene	11.033	225	141012	5.681	ng		98
35) Caprolactam	11.651	113	70064	5.646	ng		97
36) 4-Chloro-3-methylphenol	11.998	107	243642	5.835	ng		99
37) 2-Methylnaphthalene	12.374	142	566768	6.022	ng		98
38) 1-Methylnaphthalene	12.592	142	554666	5.997	ng		100
40) 1,2,4,5-Tetrachloroben...	12.733	216	270458	6.170	ng		99
41) Hexachlorocyclopentadiene	12.710	237	120602	6.304	ng		98
43) 2,4,6-Trichlorophenol	12.980	196	168445	5.646	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	185424	5.664	ng		98
46) 1,1'-Biphenyl	13.386	154	766306	6.439	ng		100
47) 2-Chloronaphthalene	13.427	162	566639	6.011	ng		99
48) 2-Nitroaniline	13.639	65	152753	5.760	ng		93
49) Acenaphthylene	14.274	152	935675	6.653	ng		100
50) Dimethylphthalate	14.021	163	700282	6.263	ng		100
51) 2,6-Dinitrotoluene	14.139	165	138879	5.629	ng		93
52) Acenaphthene	14.615	154	534492	6.141	ng		99
53) 3-Nitroaniline	14.468	138	149921	5.655	ng		92
54) 2,4-Dinitrophenol	14.668	184	49855	8.719	ng		98
55) Dibenzofuran	14.951	168	866649	6.433	ng		99
56) 4-Nitrophenol	14.768	139	107987	5.010	ng		95
57) 2,4-Dinitrotoluene	14.921	165	169748	5.264	ng	#	93
58) Fluorene	15.598	166	671935	6.455	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.174	232	157288	6.123	ng		100
60) Diethylphthalate	15.386	149	685027	5.928	ng		99
61) 4-Chlorophenyl-phenyle...	15.604	204	322780	6.399	ng		99
62) 4-Nitroaniline	15.627	138	140605	5.268	ng		94
63) Azobenzene	15.898	77	670207	6.181	ng		99
65) 4,6-Dinitro-2-methylph...	15.680	198	75340	4.260	ng		96
66) n-Nitrosodiphenylamine	15.815	169	566707	6.285	ng		99
67) 4-Bromophenyl-phenylether	16.498	248	144607	4.928	ng		97
68) Hexachlorobenzene	16.592	284	212678	5.916	ng		98
69) Atrazine	16.774	200	181239	7.423	ng		99
70) Pentachlorophenol	16.945	266	107667	4.604	ng		99
71) Phenanthrene	17.345	178	1012476	6.460	ng		100
72) Anthracene	17.433	178	977257	6.298	ng		99
73) Carbazole	17.709	167	910680	6.035	ng		99
74) Di-n-butylphthalate	18.292	149	1103572	5.626	ng		99
75) Fluoranthene	19.362	202	1045375	5.938	ng		99
77) Benzidine	19.562	184	405072	11.337	ng		99
78) Pyrene	19.727	202	1086975	6.139	ng		99
80) Butylbenzylphthalate	20.650	149	411202	5.224	ng		99
81) Benzo(a)anthracene	21.486	228	979951	6.127	ng		99
82) 3,3'-Dichlorobenzidine	21.427	252	325199	6.197	ng		99
83) Chrysene	21.538	228	906230	5.998	ng		99
84) Bis(2-ethylhexyl)phtha...	21.439	149	643944	5.545	ng		99
85) Di-n-octyl phthalate	22.374	149	990546	4.884	ng		98
87) Indeno(1,2,3-cd)pyrene	26.379	276	1001841	5.804	ng		100
88) Benzo(b)fluoranthene	23.168	252	904666	5.934	ng		99
89) Benzo(k)fluoranthene	23.215	252	876963	6.053	ng		100
90) Benzo(a)pyrene	23.791	252	766559	5.756	ng		99
91) Dibenzo(a,h)anthracene	26.403	278	850285	5.889	ng		100
92) Benzo(g,h,i)perylene	27.132	276	808372	5.520	ng		99

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

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