Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060623\
Data File : BM040126.D
Acq On : 07 Jun 2023 05:53
Operator : MA/JU
Sample : 03008-02MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-18-0AMS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/07/2023
Supervised By :mohammad ahmed 06/08/2023

Quant Time: Jun 07 06:23:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 06 16:45:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.992	152	245795	20.000	ng		0.00
21) Naphthalene-d8	10.804	136	1173533	20.000	ng		0.00
39) Acenaphthene-d10	14.633	164	703510	20.000	ng		0.00
64) Phenanthrene-d10	17.374	188	1544520	20.000	ng		0.00
76) Chrysene-d12	21.550	240	1664658	20.000	ng		0.00
86) Perylene-d12	23.985	264	1614718	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.545	112	2330011	145.409	ng		0.00
7) Phenol-d6	7.151	99	2931188	140.230	ng		0.00
23) Nitrobenzene-d5	9.163	82	1900050	87.366	ng		0.00
42) 2,4,6-Tribromophenol	16.121	330	1545080	169.212	ng		0.00
45) 2-Fluorobiphenyl	13.257	172	4628822	77.606	ng		0.00
79) Terphenyl-d14	19.992	244	9390552	87.590	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.410	88	228072	35.244	ng	#	49
3) Pyridine	3.822	79	609187	34.288	ng		99
4) n-Nitrosodimethylamine	3.722	42	319351	42.310	ng		95
6) Aniline	7.316	93	953913	36.882	ng		99
8) 2-Chlorophenol	7.551	128	822267	48.750	ng		100
9) Benzaldehyde	7.128	77	370674	36.684	ng		99
10) Phenol	7.181	94	1039885	49.631	ng		98
11) bis(2-Chloroethyl)ether	7.410	93	821235	47.587	ng		99
12) 1,3-Dichlorobenzene	7.881	146	766791	42.930	ng		100
13) 1,4-Dichlorobenzene	8.028	146	794912	43.741	ng		99
14) 1,2-Dichlorobenzene	8.345	146	785893	44.102	ng		99
15) Benzyl Alcohol	8.234	79	766579	56.893	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.522	45	1054297	47.624	ng		99
17) 2-Methylphenol	8.434	107	745504	49.732	ng		100
18) Hexachloroethane	9.081	117	286973	43.557	ng		92
19) n-Nitroso-di-n-propyla...	8.804	70	666156	55.024	ng		99
20) 3+4-Methylphenols	8.763	107	1001631	50.635	ng		100
22) Acetophenone	8.822	105	1414634	44.661	ng	#	99
24) Nitrobenzene	9.204	77	953631	43.228	ng		100
25) Isophorone	9.733	82	1882226	47.458	ng		100
26) 2-Nitrophenol	9.916	139	398510	51.051	ng		99
27) 2,4-Dimethylphenol	9.975	122	880912	49.546	ng		100
28) bis(2-Chloroethoxy)met...	10.216	93	1183758	45.524	ng		100
29) 2,4-Dichlorophenol	10.451	162	783016	46.483	ng		99
30) 1,2,4-Trichlorobenzene	10.669	180	714720	38.755	ng		98
31) Naphthalene	10.857	128	2719072	41.993	ng		100
32) Benzoic acid	10.116	122	450106	39.261	ng		96
33) 4-Chloroaniline	10.969	127	300863	11.027	ng		99
34) Hexachlorobutadiene	11.145	225	349141	33.729	ng		99
35) Caprolactam	11.751	113	234662m	49.332	ng		
36) 4-Chloro-3-methylphenol	12.086	107	924116	53.075	ng		98
37) 2-Methylnaphthalene	12.463	142	1907653	44.200	ng		99
38) 1-Methylnaphthalene	12.680	142	1799601	44.544	ng		99
40) 1,2,4,5-Tetrachloroben...	12.827	216	834233	37.492	ng		98
41) Hexachlorocyclopentadiene	12.810	237	836896	72.706	ng		98
43) 2,4,6-Trichlorophenol	13.068	196	580519	42.984	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.139	196	656006	40.809	ng	99
46) 1,1'-Biphenyl	13.468	154	2602845	43.215	ng	100
47) 2-Chloronaphthalene	13.510	162	1951331	43.402	ng	99
48) 2-Nitroaniline	13.716	65	623477	51.080	ng	98
49) Acenaphthylene	14.357	152	3233406	45.940	ng	100
50) Dimethylphthalate	14.092	163	2556916	48.214	ng	100
51) 2,6-Dinitrotoluene	14.210	165	514027	50.666	ng	99
52) Acenaphthene	14.698	154	2277951m	49.534	ng	
53) 3-Nitroaniline	14.533	138	286570	23.878	ng	98
54) 2,4-Dinitrophenol	14.739	184	455758	80.649	ng	95
55) Dibenzofuran	15.027	168	3131998	46.135	ng	99
56) 4-Nitrophenol	14.839	139	1063025	114.502	ng	100
57) 2,4-Dinitrotoluene	14.992	165	744801	50.754	ng	100
58) Fluorene	15.674	166	2826363	50.082	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.251	232	572652	47.902	ng	95
60) Diethylphthalate	15.451	149	2718942	51.868	ng	99
61) 4-Chlorophenyl-phenyle...	15.668	204	1286797	46.605	ng	99
62) 4-Nitroaniline	15.698	138	703767	56.305	ng	98
63) Azobenzene	15.962	77	2797413	53.526	ng	99
65) 4,6-Dinitro-2-methylph...	15.751	198	331075	40.378	ng	95
66) n-Nitrosodiphenylamine	15.886	169	2310318	43.497	ng	99
67) 4-Bromophenyl-phenylether	16.562	248	687546	40.287	ng	98
68) Hexachlorobenzene	16.680	284	832311	42.676	ng	99
69) Atrazine	16.833	200	745242	56.407	ng	99
70) Pentachlorophenol	17.021	266	1162942	90.834	ng	98
71) Phenanthrene	17.415	178	4179300	45.238	ng	99
72) Anthracene	17.509	178	4264641	46.591	ng	100
73) Carbazole	17.780	167	4189654	50.662	ng	99
74) Di-n-butylphthalate	18.339	149	4810813	45.693	ng	100
75) Fluoranthene	19.427	202	4591005	49.860	ng	100
77) Benzidine	19.609	184	1223717	47.339	ng	99
78) Pyrene	19.792	202	5011848	41.030	ng	99
80) Butylbenzylphthalate	20.680	149	2176684	43.802	ng	97
81) Benzo(a)anthracene	21.533	228	5399283	45.817	ng	99
82) 3,3'-Dichlorobenzidine	21.462	252	1170752	33.258	ng	100
83) Chrysene	21.591	228	4922038	43.531	ng	99
84) Bis(2-ethylhexyl)phtha...	21.456	149	3410348	43.011	ng	99
85) Di-n-octyl phthalate	22.397	149	5848788	47.644	ng	99
87) Indeno(1,2,3-cd)pyrene	26.538	276	5693611	44.340	ng	99
88) Benzo(b)fluoranthene	23.244	252	5139086	49.710	ng	99
89) Benzo(k)fluoranthene	23.297	252	5340731	47.245	ng	98
90) Benzo(a)pyrene	23.880	252	4318610	43.559	ng	99
91) Dibenzo(a,h)anthracene	26.550	278	4988778	45.001	ng	99
92) Benzo(g,h,i)perylene	27.320	276	3997607	40.800	ng	99

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

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