Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092923\
Data File : BM042140.D
Acq On : 29 Sep 2023 11:21
Operator : MA/JU
Sample : PB155705BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 29 12:11:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 19 04:49:34 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB155705BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/29/2023
Supervised By :Jagrut Upadhyay 10/02/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.934	152	227299	20.000	ng		-0.04
21) Naphthalene-d8	10.751	136	966212	20.000	ng		-0.04
39) Acenaphthene-d10	14.586	164	587272	20.000	ng		-0.03
64) Phenanthrene-d10	17.339	188	1206487	20.000	ng		-0.03
76) Chrysene-d12	21.515	240	1002333	20.000	ng		-0.03
86) Perylene-d12	23.921	264	955398	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	1481174	108.538	ng		-0.02
7) Phenol-d6	7.087	99	1991797	105.120	ng		-0.02
23) Nitrobenzene-d5	9.128	82	1809494	95.353	ng		-0.04
42) 2,4,6-Tribromophenol	16.080	330	713330	97.351	ng		-0.03
45) 2-Fluorobiphenyl	13.204	172	3877937	96.921	ng		-0.03
79) Terphenyl-d14	19.951	244	5791914	105.242	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	205772	36.968	ng		99
3) Pyridine	3.799	79	591960	34.234	ng		98
4) n-Nitrosodimethylamine	3.722	42	382529	46.541	ng		96
6) Aniline	7.275	93	936673	37.313	ng		98
8) 2-Chlorophenol	7.493	128	798690	52.568	ng		100
9) Benzaldehyde	7.093	77	255535	23.855	ng		95
10) Phenol	7.116	94	1053983	54.191	ng		99
11) bis(2-Chloroethyl)ether	7.369	93	764231	47.106	ng		99
12) 1,3-Dichlorobenzene	7.816	146	763855	47.085	ng		98
13) 1,4-Dichlorobenzene	7.969	146	783286	47.518	ng		99
14) 1,2-Dichlorobenzene	8.281	146	751996	47.460	ng		99
15) Benzyl Alcohol	8.187	79	754368	50.429	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.457	45	1191468	48.020	ng		98
17) 2-Methylphenol	8.369	107	692240	48.947	ng		99
18) Hexachloroethane	8.998	117	289181	46.672	ng		97
19) n-Nitroso-di-n-propyla...	8.751	70	654690	46.481	ng		98
20) 3+4-Methylphenols	8.704	107	948343	48.853	ng		98
22) Acetophenone	8.781	105	1149087	47.574	ng	#	99
24) Nitrobenzene	9.175	77	918506	48.764	ng		100
25) Isophorone	9.681	82	1758671	46.954	ng		99
26) 2-Nitrophenol	9.869	139	421390	49.670	ng		98
27) 2,4-Dimethylphenol	9.904	122	718039	47.062	ng		99
28) bis(2-Chloroethoxy)met...	10.163	93	1092098	49.888	ng		100
29) 2,4-Dichlorophenol	10.392	162	788963	53.433	ng		99
30) 1,2,4-Trichlorobenzene	10.598	180	723878	47.751	ng		98
31) Naphthalene	10.804	128	2293959	47.159	ng		100
32) Benzoic acid	10.069	122	611837	50.896	ng		99
33) 4-Chloroaniline	10.928	127	540342	24.819	ng		99
34) Hexachlorobutadiene	11.028	225	413879	44.698	ng		99
35) Caprolactam	11.775	113	258435m	48.972	ng		
36) 4-Chloro-3-methylphenol	12.033	107	859457	52.230	ng		99
37) 2-Methylnaphthalene	12.404	142	1618941	45.266	ng		99
38) 1-Methylnaphthalene	12.628	142	1568188	46.687	ng		99
40) 1,2,4,5-Tetrachloroben...	12.757	216	827103	48.563	ng		99
41) Hexachlorocyclopentadiene	12.704	237	999929	104.414	ng		99
43) 2,4,6-Trichlorophenol	13.010	196	608513	52.500	ng		100

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44) 2,4,5-Trichlorophenol	13.080	196	661992	48.802	ng	98
46) 1,1'-Biphenyl	13.416	154	2134236	49.256	ng	99
47) 2-Chloronaphthalene	13.469	162	1604951	50.862	ng	99
48) 2-Nitroaniline	13.698	65	592417	52.540	ng	97
49) Acenaphthylene	14.316	152	2702648	51.609	ng	99
50) Dimethylphthalate	14.051	163	2121063	48.854	ng	99
51) 2,6-Dinitrotoluene	14.192	165	462015	50.215	ng	100
52) Acenaphthene	14.651	154	1542523	48.973	ng	99
53) 3-Nitroaniline	14.527	138	385956	37.478	ng	98
54) 2,4-Dinitrophenol	14.733	184	603777	105.073	ng	98
55) Dibenzofuran	14.986	168	2457499	48.335	ng	99
56) 4-Nitrophenol	14.822	139	827475	101.314	ng	97
57) 2,4-Dinitrotoluene	14.974	165	613080	50.364	ng	93
58) Fluorene	15.633	166	1963540	48.986	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.198	232	557535	50.075	ng	98
60) Diethylphthalate	15.398	149	2081849	48.205	ng	100
61) 4-Chlorophenyl-phenyle...	15.621	204	1017427	48.383	ng	100
62) 4-Nitroaniline	15.698	138	458515	46.301	ng	97
63) Azobenzene	15.916	77	2203441	50.326	ng	96
65) 4,6-Dinitro-2-methylph...	15.721	198	347930	50.220	ng	93
66) n-Nitrosodiphenylamine	15.851	169	1718148	50.423	ng	100
67) 4-Bromophenyl-phenylether	16.521	248	621485	49.987	ng	99
68) Hexachlorobenzene	16.604	284	698052	53.029	ng	96
69) Atrazine	16.798	200	621206	58.462	ng	99
70) Pentachlorophenol	16.968	266	961519	96.676	ng	99
71) Phenanthrene	17.380	178	3055131	50.774	ng	100
72) Anthracene	17.474	178	3089553	50.334	ng	100
73) Carbazole	17.757	167	2816113	50.035	ng	99
74) Di-n-butylphthalate	18.274	149	3675156	50.863	ng	100
75) Fluoranthene	19.392	202	3516831	49.785	ng	99
77) Benzidine	19.598	184	1447145	70.732	ng	100
78) Pyrene	19.756	202	3647413	52.297	ng	100
80) Butylbenzylphthalate	20.633	149	1593603	51.374	ng	100
81) Benzo(a)anthracene	21.498	228	3293952	50.387	ng	100
82) 3,3'-Dichlorobenzidine	21.439	252	993423	43.150	ng	100
83) Chrysene	21.556	228	2951795	48.173	ng	99
84) Bis(2-ethylhexyl)phtha...	21.374	149	2364646	51.385	ng	99
85) Di-n-octyl phthalate	22.303	149	3935218	50.802	ng	99
87) Indeno(1,2,3-cd)pyrene	26.409	276	2806229	49.194	ng	99
88) Benzo(b)fluoranthene	23.180	252	2902992	52.045	ng	100
89) Benzo(k)fluoranthene	23.233	252	2747475	49.846	ng	100
90) Benzo(a)pyrene	23.815	252	2433548	46.495	ng	99
91) Dibenzo(a,h)anthracene	26.427	278	2359204	49.609	ng	99
92) Benzo(g,h,i)perylene	27.191	276	2218342	48.821	ng	98

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

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