Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052022\
Data File : BM035174.D
Acq On : 20 May 2022 13:35
Operator : CG/JU
Sample : PB144911BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 23 04:18:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 20 04:53:59 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB144911BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/25/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.904	152	188772	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	767054	20.000	ng		0.00
39) Acenaphthene-d10	14.545	164	445295	20.000	ng		0.00
64) Phenanthrene-d10	17.286	188	785451	20.000	ng		0.00
76) Chrysene-d12	21.474	240	597292	20.000	ng	#	0.00
86) Perylene-d12	23.856	264	543934	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	1423290	133.017	ng		0.00
7) Phenol-d6	7.081	99	1743177	126.197	ng		0.00
23) Nitrobenzene-d5	9.069	82	1136057	79.980	ng		0.00
42) 2,4,6-Tribromophenol	16.033	330	608661	125.655	ng		0.00
45) 2-Fluorobiphenyl	13.169	172	2573501	83.897	ng		0.00
79) Terphenyl-d14	19.915	244	2939184	95.278	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	117877	27.227	ng		98
3) Pyridine	3.787	79	318529	26.406	ng		97
4) n-Nitrosodimethylamine	3.693	42	243278	40.904	ng		99
6) Aniline	7.234	93	652338	41.114	ng		99
8) 2-Chlorophenol	7.469	128	530890	44.580	ng		98
9) Benzaldehyde	7.040	77	260112	28.933	ng		96
10) Phenol	7.104	94	615819	43.593	ng		97
11) bis(2-Chloroethyl)ether	7.328	93	448325	42.156	ng		99
12) 1,3-Dichlorobenzene	7.798	146	537984	39.880	ng		98
13) 1,4-Dichlorobenzene	7.939	146	553728	40.108	ng		98
14) 1,2-Dichlorobenzene	8.257	146	535203	40.719	ng		99
15) Benzyl Alcohol	8.145	79	452703	43.855	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.445	45	620031	35.975	ng		97
17) 2-Methylphenol	8.351	107	415644	43.330	ng		99
18) Hexachloroethane	8.986	117	200873	39.641	ng		94
19) n-Nitroso-di-n-propyla...	8.722	70	368908	40.795	ng		97
20) 3+4-Methylphenols	8.681	107	561099	42.750	ng		97
22) Acetophenone	8.734	105	739788	39.822	ng	#	97
24) Nitrobenzene	9.110	77	548464	38.385	ng		100
25) Isophorone	9.639	82	958412	40.357	ng		99
26) 2-Nitrophenol	9.822	139	284756	45.671	ng		98
27) 2,4-Dimethylphenol	9.886	122	454085	47.229	ng		95
28) bis(2-Chloroethoxy)met...	10.122	93	577999	42.291	ng		99
29) 2,4-Dichlorophenol	10.363	162	484825	42.770	ng		98
30) 1,2,4-Trichlorobenzene	10.575	180	528540	41.193	ng		99
31) Naphthalene	10.757	128	1488397	37.615	ng		100
32) Benzoic acid	10.045	122	330913	42.901	ng		98
33) 4-Chloroaniline	10.869	127	408222	25.647	ng		98
34) Hexachlorobutadiene	11.051	225	338315	42.705	ng		98
35) Caprolactam	11.657	113	125270	38.262	ng		93
36) 4-Chloro-3-methylphenol	11.998	107	466779	39.794	ng		99
37) 2-Methylnaphthalene	12.369	142	1031859	37.635	ng		99
38) 1-Methylnaphthalene	12.592	142	993080	37.090	ng		98
40) 1,2,4,5-Tetrachloroben...	12.745	216	590136	46.542	ng		98
41) Hexachlorocyclopentadiene	12.727	237	801914	105.633	ng		98
43) 2,4,6-Trichlorophenol	12.980	196	381906	44.493	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	405357	42.528	ng		96
46) 1,1'-Biphenyl	13.380	154	1339282	39.922	ng		99
47) 2-Chloronaphthalene	13.421	162	1037101	39.669	ng		99
48) 2-Nitroaniline	13.621	65	287915	38.283	ng		97
49) Acenaphthylene	14.268	152	1624190	40.351	ng		100
50) Dimethylphthalate	14.004	163	1213976	36.567	ng		99
51) 2,6-Dinitrotoluene	14.121	165	270328	39.994	ng		92
52) Acenaphthene	14.610	154	1127661m	41.351	ng		
53) 3-Nitroaniline	14.445	138	194633	26.838	ng		98
54) 2,4-Dinitrophenol	14.657	184	315176	79.274	ng		93
55) Dibenzofuran	14.945	168	1455076	37.375	ng		98
56) 4-Nitrophenol	14.763	139	409108	69.066	ng		96
57) 2,4-Dinitrotoluene	14.910	165	352301	38.884	ng		96
58) Fluorene	15.592	166	1172021	36.242	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.174	232	322191	39.761	ng		92
60) Diethylphthalate	15.368	149	1167551	34.529	ng		99
61) 4-Chlorophenyl-phenyle...	15.586	204	612485	39.575	ng		96
62) 4-Nitroaniline	15.610	138	243236	32.391	ng		99
63) Azobenzene	15.880	77	1046535	33.934	ng		98
65) 4,6-Dinitro-2-methylph...	15.674	198	191953	40.882	ng		96
66) n-Nitrosodiphenylamine	15.798	169	986416	41.439	ng		100
67) 4-Bromophenyl-phenylether	16.480	248	360205	45.115	ng		94
68) Hexachlorobenzene	16.604	284	397796	44.131	ng	#	92
69) Atrazine	16.757	200	342134	42.811	ng		98
70) Pentachlorophenol	16.945	266	473842	83.898	ng		99
71) Phenanthrene	17.333	178	1649707	37.686	ng		99
72) Anthracene	17.421	178	1663009	39.344	ng		100
73) Carbazole	17.692	167	1426996	36.965	ng		99
74) Di-n-butylphthalate	18.262	149	1745834	35.544	ng		100
75) Fluoranthene	19.345	202	1703900	35.448	ng		98
77) Benzidine	19.527	184	688657	37.741	ng		99
78) Pyrene	19.709	202	1714874	43.416	ng		100
80) Butylbenzylphthalate	20.609	149	677311	39.066	ng		94
81) Benzo(a)anthracene	21.456	228	1543942	38.739	ng		99
82) 3,3'-Dichlorobenzidine	21.386	252	493456	42.479	ng		99
83) Chrysene	21.509	228	1425777	37.453	ng		99
84) Bis(2-ethylhexyl)phtha...	21.392	149	983599	36.894	ng	#	97
85) Di-n-octyl phthalate	22.309	149	1599711	36.398	ng		98
87) Indeno(1,2,3-cd)pyrene	26.332	276	1596617	38.608	ng		98
88) Benzo(b)fluoranthene	23.133	252	1426057	41.684	ng		99
89) Benzo(k)fluoranthene	23.180	252	1400718	40.446	ng		100
90) Benzo(a)pyrene	23.750	252	1371663	48.260	ng		99
91) Dibenzo(a,h)anthracene	26.350	278	1410007	40.646	ng		98
92) Benzo(g,h,i)perylene	27.097	276	1397899	41.939	ng		97

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

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