Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042822\
Data File : BM034866.D
Acq On : 28 Apr 2022 15:52
Operator : CG/JU
Sample : PB144441BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 29 05:06:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 28 01:51:59 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB144441BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/29/2022
Supervised By :Jagrut Upadhyay 04/29/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	244031	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	944578	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	505031	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	861359	20.000	ng	0.00
76) Chrysene-d12	21.480	240	660830	20.000	ng	0.00
86) Perylene-d12	23.868	264	608025	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1822259	131.740	ng	0.00
7) Phenol-d6	7.098	99	2176425	121.883	ng	0.00
23) Nitrobenzene-d5	9.092	82	1446934	82.721	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	631543	114.957	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	3008465	86.476	ng	0.00
79) Terphenyl-d14	19.927	244	3296307	96.581	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	182854	32.671	ng	98
3) Pyridine	3.804	79	492393	31.576	ng	99
4) n-Nitrosodimethylamine	3.710	42	343220	44.640	ng	99
6) Aniline	7.257	93	834387	40.679	ng	100
8) 2-Chlorophenol	7.498	128	665061	43.200	ng	96
9) Benzaldehyde	7.063	77	372906	32.086	ng	97
10) Phenol	7.122	94	761826	41.717	ng	98
11) bis(2-Chloroethyl)ether	7.351	93	598205	43.512	ng	97
12) 1,3-Dichlorobenzene	7.822	146	739014	42.378	ng	99
13) 1,4-Dichlorobenzene	7.969	146	757741	42.456	ng	100
14) 1,2-Dichlorobenzene	8.286	146	720012	42.375	ng	98
15) Benzyl Alcohol	8.169	79	553618	41.486	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.463	45	896452	40.235	ng	100
17) 2-Methylphenol	8.375	107	509846	41.115	ng	99
18) Hexachloroethane	9.016	117	281275	42.939	ng	97
19) n-Nitroso-di-n-propyla...	8.745	70	459670	39.322	ng	99
20) 3+4-Methylphenols	8.704	107	669041	39.432	ng	99
22) Acetophenone	8.751	105	931805	40.732	ng	98
24) Nitrobenzene	9.133	77	697149	39.621	ng	99
25) Isophorone	9.663	82	1187826	40.616	ng	100
26) 2-Nitrophenol	9.845	139	329305	42.890	ng	97
27) 2,4-Dimethylphenol	9.910	122	554900	46.868	ng	99
28) bis(2-Chloroethoxy)met...	10.145	93	732146	43.501	ng	100
29) 2,4-Dichlorophenol	10.380	162	564598	40.447	ng	100
30) 1,2,4-Trichlorobenzene	10.598	180	657040	41.584	ng	98
31) Naphthalene	10.786	128	1907795	39.153	ng	99
32) Benzoic acid	10.033	122	350706	36.922	ng	99
33) 4-Chloroaniline	10.886	127	445754	22.742	ng	99
34) Hexachlorobutadiene	11.080	225	398774	40.877	ng	97
35) Caprolactam	11.663	113	142593	35.368	ng	95
36) 4-Chloro-3-methylphenol	12.016	107	541054	37.457	ng	99
37) 2-Methylnaphthalene	12.392	142	1283856	38.025	ng	99
38) 1-Methylnaphthalene	12.610	142	1217965	36.940	ng	98
40) 1,2,4,5-Tetrachloroben...	12.763	216	654513	45.514	ng	99
41) Hexachlorocyclopentadiene	12.751	237	980996	113.938	ng	100
43) 2,4,6-Trichlorophenol	12.998	196	408822	41.996	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.068	196	438803	40.592	ng	97
46) 1,1'-Biphenyl	13.404	154	1613595	42.410	ng	100
47) 2-Chloronaphthalene	13.445	162	1238822	41.780	ng	99
48) 2-Nitroaniline	13.639	65	333067	39.048	ng	98
49) Acenaphthylene	14.286	152	1936986	42.430	ng	99
50) Dimethylphthalate	14.021	163	1401634	37.226	ng	99
51) 2,6-Dinitrotoluene	14.133	165	305681	39.875	ng	97
52) Acenaphthene	14.627	154	1326404m	42.885	ng	
53) 3-Nitroaniline	14.457	138	207596	25.240	ng	99
54) 2,4-Dinitrophenol	14.663	184	341198	75.668	ng	98
55) Dibenzofuran	14.962	168	1710398	38.736	ng	99
56) 4-Nitrophenol	14.768	139	508743	75.728	ng	96
57) 2,4-Dinitrotoluene	14.921	165	396628	38.599	ng	98
58) Fluorene	15.610	166	1361408	37.118	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.186	232	333082	36.243	ng	99
60) Diethylphthalate	15.386	149	1369955	35.723	ng	100
61) 4-Chlorophenyl-phenyle...	15.604	204	681549	38.828	ng	98
62) 4-Nitroaniline	15.621	138	285206	33.487	ng	97
63) Azobenzene	15.898	77	1280627	36.613	ng	99
65) 4,6-Dinitro-2-methylph...	15.680	198	197518	38.360	ng	96
66) n-Nitrosodiphenylamine	15.815	169	1143967	43.822	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	379761	43.373	ng	98
68) Hexachlorobenzene	16.615	284	426411	43.136	ng	98
69) Atrazine	16.768	200	365555	41.711	ng	98
70) Pentachlorophenol	16.956	266	517599	83.569	ng	99
71) Phenanthrene	17.345	178	1922992	40.057	ng	100
72) Anthracene	17.439	178	1933751	41.717	ng	100
73) Carbazole	17.703	167	1702224	40.208	ng	99
74) Di-n-butylphthalate	18.280	149	2021852	37.535	ng	100
75) Fluoranthene	19.356	202	1931336	36.638	ng	100
77) Benzidine	19.539	184	931200	46.127	ng	99
78) Pyrene	19.721	202	1986013	45.446	ng	99
80) Butylbenzylphthalate	20.621	149	783643	40.853	ng	98
81) Benzo(a)anthracene	21.462	228	1792887	40.660	ng	100
82) 3,3'-Dichlorobenzidine	21.397	252	492187	38.296	ng	98
83) Chrysene	21.515	228	1654630	39.285	ng	100
84) Bis(2-ethylhexyl)phtha...	21.403	149	1146385	38.865	ng	100
85) Di-n-octyl phthalate	22.327	149	1782226	36.652	ng	100
87) Indeno(1,2,3-cd)pyrene	26.356	276	1817484	39.316	ng	100
88) Benzo(b)fluoranthene	23.144	252	1671915	43.719	ng	100
89) Benzo(k)fluoranthene	23.191	252	1647223	42.551	ng	100
90) Benzo(a)pyrene	23.762	252	1577188	49.642	ng	99
91) Dibenzo(a,h)anthracene	26.368	278	1608371	41.477	ng	99
92) Benzo(g,h,i)perylene	27.109	276	1582052	42.461	ng	99

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

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