Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032422\
Data File : BM034363.D
Acq On : 24 Mar 2022 15:35
Operator : CG/JU
Sample : PB143537BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 25 01:09:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 24 02:40:59 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB143537BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.937	152	189457	20.000	ng		0.00
21) Naphthalene-d8	10.754	136	850404	20.000	ng		0.00
39) Acenaphthene-d10	14.583	164	555876	20.000	ng		0.00
64) Phenanthrene-d10	17.324	188	1138090	20.000	ng		0.00
76) Chrysene-d12	21.495	240	1139048	20.000	ng		0.00
86) Perylene-d12	23.912	264	1133362	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.496	112	1098195	103.988	ng		0.00
7) Phenol-d6	7.107	99	1470254	97.235	ng		0.00
23) Nitrobenzene-d5	9.107	82	1419281	81.256	ng		0.00
42) 2,4,6-Tribromophenol	16.071	330	637283	85.056	ng		0.00
45) 2-Fluorobiphenyl	13.213	172	3178452	78.135	ng		0.00
79) Terphenyl-d14	19.942	244	5110901	77.966	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.349	88	127728	26.732	ng		99
3) Pyridine	3.755	79	344864	26.672	ng		98
4) n-Nitrosodimethylamine	3.660	42	249048	40.566	ng		98
6) Aniline	7.260	93	800440	46.324	ng		99
8) 2-Chlorophenol	7.501	128	611649	49.517	ng		99
9) Benzaldehyde	7.066	77	402108	49.360	ng		99
10) Phenol	7.131	94	778953	51.797	ng		99
11) bis(2-Chloroethyl)ether	7.354	93	556285	45.067	ng		99
12) 1,3-Dichlorobenzene	7.831	146	578996	41.323	ng		99
13) 1,4-Dichlorobenzene	7.972	146	597829	41.677	ng		99
14) 1,2-Dichlorobenzene	8.295	146	581522	41.587	ng		99
15) Benzyl Alcohol	8.184	79	584864	48.604	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.478	45	784932	46.338	ng		99
17) 2-Methylphenol	8.390	107	530089	50.329	ng		98
18) Hexachloroethane	9.031	117	224687	42.470	ng		99
19) n-Nitroso-di-n-propyla...	8.754	70	498803	45.606	ng		99
20) 3+4-Methylphenols	8.719	107	717042	49.226	ng		99
22) Acetophenone	8.766	105	938923	43.023	ng	#	99
24) Nitrobenzene	9.148	77	705689	43.273	ng		98
25) Isophorone	9.678	82	1270791	43.477	ng		97
26) 2-Nitrophenol	9.860	139	333776	46.153	ng		98
27) 2,4-Dimethylphenol	9.925	122	573929	50.682	ng		97
28) bis(2-Chloroethoxy)met...	10.160	93	764991	40.880	ng		99
29) 2,4-Dichlorophenol	10.401	162	583834	44.374	ng		99
30) 1,2,4-Trichlorobenzene	10.619	180	582532	38.950	ng		99
31) Naphthalene	10.807	128	1827088	41.240	ng		99
32) Benzoic acid	10.089	122	439595	46.944	ng		99
33) 4-Chloroaniline	10.907	127	621090	35.538	ng		99
34) Hexachlorobutadiene	11.095	225	353098	37.275	ng		100
35) Caprolactam	11.707	113	209348m	45.772	ng		
36) 4-Chloro-3-methylphenol	12.042	107	677439	44.929	ng		100
37) 2-Methylnaphthalene	12.413	142	1374303	43.472	ng		99
38) 1-Methylnaphthalene	12.630	142	1268908	41.032	ng		99
40) 1,2,4,5-Tetrachloroben...	12.783	216	697119	41.556	ng		99
41) Hexachlorocyclopentadiene	12.766	237	848251	87.330	ng		98
43) 2,4,6-Trichlorophenol	13.019	196	487323	42.077	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.095	196	538873	43.348	ng	99
46) 1,1'-Biphenyl	13.419	154	1797282	42.404	ng	99
47) 2-Chloronaphthalene	13.460	162	1341306	41.228	ng	98
48) 2-Nitroaniline	13.660	65	469673	47.221	ng	98
49) Acenaphthylene	14.307	152	2183634	43.063	ng	100
50) Dimethylphthalate	14.042	163	1758550	41.566	ng	100
51) 2,6-Dinitrotoluene	14.154	165	390783	45.033	ng	98
52) Acenaphthene	14.648	154	1606280m	47.028	ng	
53) 3-Nitroaniline	14.483	138	334704	38.444	ng	99
54) 2,4-Dinitrophenol	14.695	184	474572	97.609	ng	98
55) Dibenzofuran	14.983	168	2053611	40.346	ng	97
56) 4-Nitrophenol	14.795	139	666062	94.370	ng	97
57) 2,4-Dinitrotoluene	14.942	165	545694	46.522	ng	97
58) Fluorene	15.630	166	1738161	42.064	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.207	232	470933	42.011	ng	99
60) Diethylphthalate	15.401	149	1839110	42.370	ng	100
61) 4-Chlorophenyl-phenyle...	15.618	204	848797	40.233	ng	98
62) 4-Nitroaniline	15.642	138	404397	48.285	ng	98
63) Azobenzene	15.913	77	1781485	42.562	ng	99
65) 4,6-Dinitro-2-methylph...	15.707	198	304800	41.187	ng	98
66) n-Nitrosodiphenylamine	15.836	169	1514435	41.885	ng	100
67) 4-Bromophenyl-phenylether	16.513	248	534411	40.847	ng	97
68) Hexachlorobenzene	16.636	284	603932	41.386	ng	98
69) Atrazine	16.783	200	556105	46.662	ng	99
70) Pentachlorophenol	16.977	266	809085	86.701	ng	99
71) Phenanthrene	17.365	178	2698519	42.339	ng	99
72) Anthracene	17.460	178	2732391	44.045	ng	100
73) Carbazole	17.724	167	2454828	42.430	ng	99
74) Di-n-butylphthalate	18.289	149	3127764	43.487	ng	99
75) Fluoranthene	19.377	202	3081686	43.131	ng	98
77) Benzidine	19.554	184	1335489	80.008	ng	98
78) Pyrene	19.736	202	3171321	39.517	ng	100
80) Butylbenzylphthalate	20.630	149	1448853	42.689	ng	99
81) Benzo(a)anthracene	21.483	228	2969694	41.308	ng	100
82) 3,3'-Dichlorobenzidine	21.412	252	1049631	43.712	ng	99
83) Chrysene	21.536	228	3032012	41.299	ng	100
84) Bis(2-ethylhexyl)phtha...	21.406	149	2209716	44.090	ng	99
85) Di-n-octyl phthalate	22.336	149	3812873	47.927	ng	99
87) Indeno(1,2,3-cd)pyrene	26.441	276	3213218	44.072	ng	98
88) Benzo(b)fluoranthene	23.177	252	3094496	45.660	ng	99
89) Benzo(k)fluoranthene	23.230	252	3205326	44.647	ng	99
90) Benzo(a)pyrene	23.806	252	2991994	52.077	ng	99
91) Dibenzo(a,h)anthracene	26.459	278	2759615	46.681	ng	100
92) Benzo(g,h,i)perylene	27.218	276	2687545	43.922	ng	100

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

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