Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022322\
Data File : BM034048.D
Acq On : 23 Feb 2022 12:15
Operator : CG/JU
Sample : PB142857BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 23 13:03:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 22 17:55:56 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB142857BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/24/2022
Supervised By :Jagrut Upadhyay 02/24/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.019	152	234636	20.000	ng		0.00
21) Naphthalene-d8	10.836	136	909217	20.000	ng	#	0.00
39) Acenaphthene-d10	14.654	164	551108	20.000	ng		0.00
64) Phenanthrene-d10	17.395	188	1010253	20.000	ng	#	0.00
76) Chrysene-d12	21.565	240	973042	20.000	ng		0.00
86) Perylene-d12	24.030	264	1015539	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.566	112	1681178	127.726	ng		0.00
7) Phenol-d6	7.172	99	2066114	119.538	ng		0.00
23) Nitrobenzene-d5	9.184	82	1339556	79.508	ng		0.00
42) 2,4,6-Tribromophenol	16.136	330	734681	109.840	ng		0.00
45) 2-Fluorobiphenyl	13.289	172	3429434	82.906	ng		0.00
79) Terphenyl-d14	20.012	244	4307585	77.088	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.431	88	160994	31.813	ng		89
3) Pyridine	3.831	79	411303	28.931	ng		88
4) n-Nitrosodimethylamine	3.737	42	289632	40.728	ng	#	75
6) Aniline	7.337	93	687328	35.988	ng		93
8) 2-Chlorophenol	7.578	128	649866	44.132	ng		84
9) Benzaldehyde	7.143	77	350089	36.080	ng		89
10) Phenol	7.195	94	749623	44.094	ng		92
11) bis(2-Chloroethyl)ether	7.437	93	566897	41.791	ng		91
12) 1,3-Dichlorobenzene	7.907	146	710955m	41.074	ng		
13) 1,4-Dichlorobenzene	8.054	146	731602	41.352	ng		95
14) 1,2-Dichlorobenzene	8.378	146	708285	41.020	ng		94
15) Benzyl Alcohol	8.254	79	551126	41.351	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.554	45	735613	40.784	ng		94
17) 2-Methylphenol	8.460	107	509746	42.569	ng		94
18) Hexachloroethane	9.113	117	256304	42.331	ng		92
19) n-Nitroso-di-n-propyla...	8.831	70	444410	39.780	ng	#	92
20) 3+4-Methylphenols	8.789	107	677633	40.983	ng		93
22) Acetophenone	8.842	105	906699	41.286	ng	#	91
24) Nitrobenzene	9.225	77	677493	43.194	ng	#	89
25) Isophorone	9.760	82	1149074	42.252	ng	#	94
26) 2-Nitrophenol	9.942	139	323642	43.793	ng	#	77
27) 2,4-Dimethylphenol	10.001	122	573318	48.016	ng		92
28) bis(2-Chloroethoxy)met...	10.242	93	736942	40.075	ng	#	97
29) 2,4-Dichlorophenol	10.478	162	632199	42.824	ng		95
30) 1,2,4-Trichlorobenzene	10.701	180	713282	41.156	ng		98
31) Naphthalene	10.889	128	1936398	41.453	ng		99
32) Benzoic acid	10.119	122	336463	37.208	ng	#	83
33) 4-Chloroaniline	10.983	127	304236	15.907	ng	#	90
34) Hexachlorobutadiene	11.183	225	453985	41.227	ng		98
35) Caprolactam	11.754	113	133025	44.700	ng	#	70
36) 4-Chloro-3-methylphenol	12.107	107	581138	39.978	ng	#	83
37) 2-Methylnaphthalene	12.495	142	1414596	41.507	ng		96
38) 1-Methylnaphthalene	12.713	142	1320124	39.728	ng		99
40) 1,2,4,5-Tetrachloroben...	12.860	216	802688	45.557	ng		98
41) Hexachlorocyclopentadiene	12.848	237	1152815	112.006	ng		98
43) 2,4,6-Trichlorophenol	13.089	196	499603	44.840	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.160	196	523225	46.226	ng	#	92
46) 1,1'-Biphenyl	13.495	154	1849802	43.931	ng		97
47) 2-Chloronaphthalene	13.536	162	1423512	43.296	ng		95
48) 2-Nitroaniline	13.724	65	342146	43.818	ng	#	80
49) Acenaphthylene	14.377	152	2193032	44.507	ng		99
50) Dimethylphthalate	14.113	163	1664363	40.735	ng		98
51) 2,6-Dinitrotoluene	14.219	165	357987	44.279	ng	#	82
52) Acenaphthene	14.718	154	1509668	46.367	ng		99
53) 3-Nitroaniline	14.542	138	193625	23.944	ng		84
54) 2,4-Dinitrophenol	14.748	184	376803	83.551	ng	#	78
55) Dibenzofuran	15.054	168	2052243	40.353	ng		97
56) 4-Nitrophenol	14.842	139	557128	85.235	ng	#	80
57) 2,4-Dinitrotoluene	15.001	165	468938	44.603	ng	#	78
58) Fluorene	15.701	166	1673020	40.922	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.271	232	444450	40.087	ng		91
60) Diethylphthalate	15.471	149	1624688	39.766	ng		99
61) 4-Chlorophenyl-phenyle...	15.695	204	880882	40.235	ng		93
62) 4-Nitroaniline	15.701	138	332837	39.659	ng	#	81
63) Azobenzene	15.983	77	1415768	39.891	ng		92
65) 4,6-Dinitro-2-methylph...	15.765	198	238202	40.226	ng	#	73
66) n-Nitrosodiphenylamine	15.901	169	1414765	44.731	ng		98
67) 4-Bromophenyl-phenylether	16.583	248	470063	41.188	ng		95
68) Hexachlorobenzene	16.707	284	584485	44.449	ng	#	88
69) Atrazine	16.848	200	486199	46.471	ng		98
70) Pentachlorophenol	17.042	266	711782	89.601	ng		98
71) Phenanthrene	17.436	178	2419723	43.180	ng		99
72) Anthracene	17.524	178	2441310	44.767	ng		99
73) Carbazole	17.789	167	2090141	40.706	ng		98
74) Di-n-butylphthalate	18.365	149	2470795	42.301	ng		99
75) Fluoranthene	19.448	202	2636151	42.818	ng		97
77) Benzidine	19.618	184	981239	54.149	ng		100
78) Pyrene	19.806	202	2706148	40.495	ng		99
80) Butylbenzylphthalate	20.700	149	1051967	41.339	ng		91
81) Benzo(a)anthracene	21.547	228	2728406	43.095	ng		99
82) 3,3'-Dichlorobenzidine	21.477	252	750360	35.093	ng		98
83) Chrysene	21.606	228	2600866	43.005	ng		99
84) Bis(2-ethylhexyl)phtha...	21.489	149	1645524	42.330	ng	#	97
85) Di-n-octyl phthalate	22.436	149	2788823	45.265	ng	#	91
87) Indeno(1,2,3-cd)pyrene	26.606	276	3337772	46.230	ng		97
88) Benzo(b)fluoranthene	23.277	252	2883776	45.313	ng		99
89) Benzo(k)fluoranthene	23.330	252	2903616m	45.735	ng		
90) Benzo(a)pyrene	23.918	252	2813539	53.800	ng		99
91) Dibenzo(a,h)anthracene	26.629	278	2933089	48.305	ng		97
92) Benzo(g,h,i)perylene	27.400	276	2862022	48.655	ng		98

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

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