Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072222\
Data File : BM035904.D
Acq On : 22 Jul 2022 13:38
Operator : CG/JU
Sample : PB146352BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 22 14:29:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 22 14:25:12 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB146352BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/25/2022
Supervised By :Jagrut Upadhyay 07/25/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.887	152	289007	20.000	ng		0.00
21) Naphthalene-d8	10.692	136	1133659	20.000	ng		0.00
39) Acenaphthene-d10	14.521	164	603891	20.000	ng		0.00
64) Phenanthrene-d10	17.262	188	1185786	20.000	ng		0.00
76) Chrysene-d12	21.439	240	1209595	20.000	ng		0.00
86) Perylene-d12	23.815	264	1220543	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	2293818	123.046	ng		0.00
7) Phenol-d6	7.051	99	2709412	115.579	ng		0.00
23) Nitrobenzene-d5	9.051	82	1623004	76.570	ng		0.00
42) 2,4,6-Tribromophenol	16.010	330	860267	127.355	ng		0.00
45) 2-Fluorobiphenyl	13.151	172	3384459	79.219	ng		0.00
79) Terphenyl-d14	19.886	244	5197913	83.609	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.310	88	262245	34.034	ng		94
3) Pyridine	3.716	79	728676	35.583	ng		88
4) n-Nitrosodimethylamine	3.634	42	367177	42.903	ng	#	64
6) Aniline	7.210	93	1070151	41.570	ng		96
8) 2-Chlorophenol	7.445	128	820349	42.586	ng		99
9) Benzaldehyde	7.022	77	436924	33.176	ng		95
10) Phenol	7.081	94	1016741	43.066	ng		91
11) bis(2-Chloroethyl)ether	7.310	93	820937	43.096	ng		96
12) 1,3-Dichlorobenzene	7.775	146	919362	42.788	ng		98
13) 1,4-Dichlorobenzene	7.922	146	931573	42.582	ng		99
14) 1,2-Dichlorobenzene	8.240	146	894287	42.264	ng		99
15) Benzyl Alcohol	8.128	79	638807m	41.358	ng		
16) 2,2'-oxybis(1-Chloropr...	8.428	45	1098303	44.286	ng		97
17) 2-Methylphenol	8.334	107	646290	42.166	ng		96
18) Hexachloroethane	8.969	117	344832	43.814	ng		95
19) n-Nitroso-di-n-propyla...	8.698	70	573998	42.235	ng		90
20) 3+4-Methylphenols	8.663	107	850768	41.069	ng		96
22) Acetophenone	8.716	105	1197590	42.744	ng	#	92
24) Nitrobenzene	9.092	77	867855	43.592	ng		99
25) Isophorone	9.622	82	1521494	45.886	ng		98
26) 2-Nitrophenol	9.804	139	376348	41.965	ng		96
27) 2,4-Dimethylphenol	9.869	122	686126	48.502	ng		97
28) bis(2-Chloroethoxy)met...	10.110	93	972662	42.145	ng		99
29) 2,4-Dichlorophenol	10.339	162	665406	42.424	ng		100
30) 1,2,4-Trichlorobenzene	10.551	180	736745	40.701	ng		98
31) Naphthalene	10.745	128	2441141	42.381	ng		100
32) Benzoic acid	9.992	122	404439	37.802	ng		96
33) 4-Chloroaniline	10.857	127	697700	30.278	ng		97
34) Hexachlorobutadiene	11.028	225	434275	41.802	ng		99
35) Caprolactam	11.639	113	198901	41.465	ng		92
36) 4-Chloro-3-methylphenol	11.980	107	686137	42.661	ng		98
37) 2-Methylnaphthalene	12.351	142	1606981	42.886	ng		97
38) 1-Methylnaphthalene	12.569	142	1515959	41.564	ng		99
40) 1,2,4,5-Tetrachloroben...	12.716	216	745067	43.184	ng		98
41) Hexachlorocyclopentadiene	12.698	237	1061038	114.098	ng		98
43) 2,4,6-Trichlorophenol	12.957	196	482739	42.329	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.027	196	519912	43.237	ng	98
46) 1,1'-Biphenyl	13.363	154	1982680	43.159	ng	98
47) 2-Chloronaphthalene	13.404	162	1518653	43.010	ng	99
48) 2-Nitroaniline	13.610	65	432204	44.422	ng	93
49) Acenaphthylene	14.245	152	2405464	44.244	ng	100
50) Dimethylphthalate	13.986	163	1747131	43.954	ng	99
51) 2,6-Dinitrotoluene	14.104	165	380353	45.761	ng	96
52) Acenaphthene	14.586	154	1434185	44.035	ng	99
53) 3-Nitroaniline	14.433	138	332667	33.243	ng	96
54) 2,4-Dinitrophenol	14.633	184	406695	99.299	ng	92
55) Dibenzofuran	14.921	168	2222580	42.594	ng	98
56) 4-Nitrophenol	14.739	139	778682	99.171	ng	87
57) 2,4-Dinitrotoluene	14.886	165	528587	48.595	ng	97
58) Fluorene	15.568	166	1824312	44.528	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.145	232	418994	43.349	ng	98
60) Diethylphthalate	15.351	149	1791201	45.477	ng	99
61) 4-Chlorophenyl-phenyle...	15.568	204	864696	43.378	ng	94
62) 4-Nitroaniline	15.592	138	456627	44.563	ng	92
63) Azobenzene	15.857	77	1802384	44.567	ng	93
65) 4,6-Dinitro-2-methylph...	15.645	198	239794	40.271	ng	93
66) n-Nitrosodiphenylamine	15.780	169	1509091	43.341	ng	99
67) 4-Bromophenyl-phenylether	16.457	248	510248	42.805	ng	96
68) Hexachlorobenzene	16.563	284	609593	44.053	ng	94
69) Atrazine	16.733	200	512254	55.987	ng	98
70) Pentachlorophenol	16.910	266	764594	99.576	ng	98
71) Phenanthrene	17.304	178	2757849	44.211	ng	99
72) Anthracene	17.392	178	2787189	45.968	ng	99
73) Carbazole	17.668	167	2691774	43.765	ng	99
74) Di-n-butylphthalate	18.239	149	3086430	49.286	ng	99
75) Fluoranthene	19.315	202	3193034	47.093	ng	97
77) Benzidine	19.504	184	1905962	89.747	ng	99
78) Pyrene	19.680	202	3366384	42.564	ng	99
80) Butylbenzylphthalate	20.586	149	1307252	46.303	ng	99
81) Benzo(a)anthracene	21.427	228	3402648	44.438	ng	99
82) 3,3'-Dichlorobenzidine	21.362	252	966272	53.874	ng	100
83) Chrysene	21.480	228	3225414	44.144	ng	100
84) Bis(2-ethylhexyl)phtha...	21.362	149	2041414	51.299	ng	100
85) Di-n-octyl phthalate	22.286	149	3255674	51.569	ng	97
87) Indeno(1,2,3-cd)pyrene	26.285	276	3960712	44.413	ng	98
88) Benzo(b)fluoranthene	23.092	252	3530807	48.598	ng	98
89) Benzo(k)fluoranthene	23.139	252	3533974	47.003	ng	98
90) Benzo(a)pyrene	23.709	252	3110480	50.298	ng	99
91) Dibenzo(a,h)anthracene	26.303	278	3474536	46.885	ng	97
92) Benzo(g,h,i)perylene	27.044	276	3414545	46.721	ng	98

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

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