Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081022\
Data File : BM036190.D
Acq On : 10 Aug 2022 13:45
Operator : CG/JU
Sample : PB146797BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 10 22:23:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 10 22:19:26 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB146797BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/11/2022
Supervised By :Jagrut Upadhyay 08/11/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.834	152	288538	20.000	ng		0.00
21) Naphthalene-d8	10.639	136	1154344	20.000	ng		0.00
39) Acenaphthene-d10	14.480	164	602362	20.000	ng		0.00
64) Phenanthrene-d10	17.221	188	1055230	20.000	ng		0.00
76) Chrysene-d12	21.398	240	848522	20.000	ng		0.00
86) Perylene-d12	23.744	264	825350	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	2329163	130.873	ng		0.00
7) Phenol-d6	7.040	99	2857990	126.205	ng		0.00
23) Nitrobenzene-d5	9.010	82	1724647	83.632	ng		0.00
42) 2,4,6-Tribromophenol	15.968	330	842554	119.232	ng		0.00
45) 2-Fluorobiphenyl	13.104	172	3503726	85.881	ng		0.00
79) Terphenyl-d14	19.845	244	4114799	95.651	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.269	88	213905	29.827	ng		92
3) Pyridine	3.681	79	615095	31.985	ng		89
4) n-Nitrosodimethylamine	3.593	42	320984	40.618	ng	#	66
6) Aniline	7.169	93	1098593	43.808	ng		95
8) 2-Chlorophenol	7.410	128	824565	43.454	ng		95
9) Benzaldehyde	6.981	77	398902	33.273	ng		94
10) Phenol	7.069	94	1020137	44.739	ng		91
11) bis(2-Chloroethyl)ether	7.269	93	748708	39.860	ng		95
12) 1,3-Dichlorobenzene	7.722	146	848184	40.337	ng		97
13) 1,4-Dichlorobenzene	7.869	146	872861	40.705	ng		99
14) 1,2-Dichlorobenzene	8.187	146	843400	40.762	ng		99
15) Benzyl Alcohol	8.092	79	662817m	43.617	ng		
16) 2,2'-oxybis(1-Chloropr...	8.375	45	980674	39.264	ng		96
17) 2-Methylphenol	8.310	107	657733	43.576	ng		95
18) Hexachloroethane	8.910	117	318642	41.278	ng		97
19) n-Nitroso-di-n-propyla...	8.651	70	543849	39.537	ng		89
20) 3+4-Methylphenols	8.640	107	871402	42.494	ng		97
22) Acetophenone	8.669	105	1157327	42.353	ng	#	93
24) Nitrobenzene	9.051	77	849047	43.796	ng		96
25) Isophorone	9.575	82	1476263	44.005	ng		98
26) 2-Nitrophenol	9.757	139	423382	46.302	ng		92
27) 2,4-Dimethylphenol	9.839	122	704418	49.731	ng		97
28) bis(2-Chloroethoxy)met...	10.063	93	920782	38.525	ng		99
29) 2,4-Dichlorophenol	10.304	162	689193	43.266	ng		100
30) 1,2,4-Trichlorobenzene	10.504	180	714749	39.595	ng		99
31) Naphthalene	10.692	128	2400673	41.830	ng		99
32) Benzoic acid	10.010	122	485906	43.276	ng		93
33) 4-Chloroaniline	10.816	127	754249	32.610	ng		96
34) Hexachlorobutadiene	10.963	225	415817	39.201	ng		98
35) Caprolactam	11.622	113	205286	41.840	ng		92
36) 4-Chloro-3-methylphenol	11.963	107	692837	41.381	ng		99
37) 2-Methylnaphthalene	12.304	142	1557534	40.783	ng		97
38) 1-Methylnaphthalene	12.522	142	1491792	39.887	ng		98
40) 1,2,4,5-Tetrachloroben...	12.669	216	731524	44.794	ng		99
41) Hexachlorocyclopentadiene	12.639	237	925699	107.027	ng		99
43) 2,4,6-Trichlorophenol	12.922	196	496677	44.696	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.004	196	530889	45.258	ng		97
46) 1,1'-Biphenyl	13.316	154	1932124	44.013	ng		99
47) 2-Chloronaphthalene	13.357	162	1494667	44.487	ng		99
48) 2-Nitroaniline	13.575	65	421883	46.076	ng		92
49) Acenaphthylene	14.198	152	2342174	45.098	ng		100
50) Dimethylphthalate	13.945	163	1640822	40.056	ng		100
51) 2,6-Dinitrotoluene	14.069	165	369890	45.005	ng		91
52) Acenaphthene	14.539	154	1630518m	47.994	ng		
53) 3-Nitroaniline	14.404	138	332199	34.644	ng		92
54) 2,4-Dinitrophenol	14.610	184	419866	96.538	ng		88
55) Dibenzofuran	14.874	168	2122523	41.720	ng		98
56) 4-Nitrophenol	14.739	139	686443	89.455	ng		87
57) 2,4-Dinitrotoluene	14.857	165	490759	45.556	ng		98
58) Fluorene	15.527	166	1683874	41.959	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.110	232	405647	40.823	ng		97
60) Diethylphthalate	15.304	149	1600226	38.014	ng		100
61) 4-Chlorophenyl-phenyle...	15.521	204	779552	38.956	ng		96
62) 4-Nitroaniline	15.563	138	409891m	41.551	ng		
63) Azobenzene	15.810	77	1592462	39.793	ng		94
65) 4,6-Dinitro-2-methylph...	15.616	198	242825	45.005	ng		94
66) n-Nitrosodiphenylamine	15.739	169	1386418	46.541	ng		99
67) 4-Bromophenyl-phenylether	16.415	248	453633	42.978	ng		94
68) Hexachlorobenzene	16.521	284	549146	45.344	ng		92
69) Atrazine	16.692	200	445887	53.494	ng		100
70) Pentachlorophenol	16.874	266	633318	89.290	ng		100
71) Phenanthrene	17.262	178	2431192	45.223	ng		99
72) Anthracene	17.351	178	2441904	46.917	ng		99
73) Carbazole	17.633	167	2283703	43.305	ng		99
74) Di-n-butylphthalate	18.192	149	2503097	39.762	ng		99
75) Fluoranthene	19.274	202	2558306	42.512	ng		98
77) Benzidine	19.468	184	1551028	121.885	ng		99
78) Pyrene	19.639	202	2637072	50.119	ng		99
80) Butylbenzylphthalate	20.539	149	1034267	45.543	ng		99
81) Benzo(a)anthracene	21.386	228	2369945	45.346	ng		99
82) 3,3'-Dichlorobenzidine	21.327	252	803914	63.347	ng		99
83) Chrysene	21.439	228	2221991	44.725	ng		99
84) Bis(2-ethylhexyl)phtha...	21.315	149	1409485	41.140	ng		99
85) Di-n-octyl phthalate	22.221	149	2277208	40.727	ng	#	95
87) Indeno(1,2,3-cd)pyrene	26.191	276	2720533	46.905	ng		99
88) Benzo(b)fluoranthene	23.033	252	2351637	48.631	ng		99
89) Benzo(k)fluoranthene	23.080	252	2282500	46.734	ng		99
90) Benzo(a)pyrene	23.644	252	2061098	50.800	ng		99
91) Dibenzo(a,h)anthracene	26.203	278	2395220	49.335	ng		98
92) Benzo(g,h,i)perylene	26.938	276	2420483	51.498	ng		99

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

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