Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080922\
Data File : BM036170.D
Acq On : 09 Aug 2022 11:50
Operator : CG/JU
Sample : PB146780BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 10 03:30:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 08 23:36:56 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB146780BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/10/2022
Supervised By :Jagrut Upadhyay 08/10/2022

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.840	152	301786	20.000	ng		0.00
21) Naphthalene-d8	10.645	136	1396762	20.000	ng		0.00
39) Acenaphthene-d10	14.486	164	879376	20.000	ng		0.00
64) Phenanthrene-d10	17.227	188	1791441	20.000	ng		0.00
76) Chrysene-d12	21.415	240	1669037	20.000	ng		0.00
86) Perylene-d12	23.774	264	1804081	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	2570293	138.082	ng		0.00
7) Phenol-d6	7.057	99	3401688	143.620	ng		0.00
23) Nitrobenzene-d5	9.016	82	2031264	81.405	ng		0.00
42) 2,4,6-Tribromophenol	15.980	330	1406372	136.326	ng		0.00
45) 2-Fluorobiphenyl	13.116	172	4809938	80.759	ng		0.00
79) Terphenyl-d14	19.856	244	7460479	88.167	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.263	88	187594	25.010	ng		92
3) Pyridine	3.675	79	577445	28.709	ng		89
4) n-Nitrosodimethylamine	3.593	42	314752	38.081	ng	#	65
6) Aniline	7.175	93	1248109	47.586	ng		95
8) 2-Chlorophenol	7.416	128	961086	48.426	ng		95
9) Benzaldehyde	6.981	77	465340	37.111	ng		94
10) Phenol	7.081	94	1215102	50.951	ng		91
11) bis(2-Chloroethyl)ether	7.269	93	832647	42.383	ng		95
12) 1,3-Dichlorobenzene	7.728	146	873201	39.704	ng		97
13) 1,4-Dichlorobenzene	7.875	146	906958	40.438	ng		99
14) 1,2-Dichlorobenzene	8.192	146	894047	41.313	ng		99
15) Benzyl Alcohol	8.104	79	815567m	51.312	ng		
16) 2,2'-oxybis(1-Chloropr...	8.381	45	1122066	42.953	ng		97
17) 2-Methylphenol	8.322	107	811992	51.435	ng		95
18) Hexachloroethane	8.916	117	332906	41.233	ng		97
19) n-Nitroso-di-n-propyla...	8.663	70	673307	46.800	ng	#	87
20) 3+4-Methylphenols	8.657	107	1096499	51.123	ng	#	89
22) Acetophenone	8.675	105	1364937	41.282	ng	#	94
24) Nitrobenzene	9.057	77	997401	42.519	ng		97
25) Isophorone	9.586	82	1934220	47.650	ng		97
26) 2-Nitrophenol	9.763	139	523858	47.348	ng		93
27) 2,4-Dimethylphenol	9.851	122	932595	54.413	ng		99
28) bis(2-Chloroethoxy)met...	10.069	93	1188919	41.111	ng		99
29) 2,4-Dichlorophenol	10.316	162	931447	48.326	ng		99
30) 1,2,4-Trichlorobenzene	10.510	180	841862	38.543	ng		98
31) Naphthalene	10.698	128	2851097	41.056	ng		99
32) Benzoic acid	10.045	122	742941	54.684	ng		93
33) 4-Chloroaniline	10.822	127	1051244	37.562	ng		96
34) Hexachlorobutadiene	10.975	225	489134	38.110	ng		100
35) Caprolactam	11.639	113	325952m	54.903	ng		
36) 4-Chloro-3-methylphenol	11.980	107	1014820	50.092	ng		98
37) 2-Methylnaphthalene	12.310	142	2042127	44.191	ng		97
38) 1-Methylnaphthalene	12.527	142	1950906	43.110	ng		99
40) 1,2,4,5-Tetrachloroben...	12.680	216	976623	40.964	ng		99
41) Hexachlorocyclopentadiene	12.651	237	1246316	98.704	ng		99
43) 2,4,6-Trichlorophenol	12.933	196	738358	45.514	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.016	196	812081	47.421	ng		97
46) 1,1'-Biphenyl	13.327	154	2673495	41.717	ng		99
47) 2-Chloronaphthalene	13.369	162	2055037	41.898	ng		99
48) 2-Nitroaniline	13.586	65	660189	49.390	ng		91
49) Acenaphthylene	14.210	152	3386591	44.666	ng		100
50) Dimethylphthalate	13.957	163	2656534	44.423	ng		100
51) 2,6-Dinitrotoluene	14.080	165	591376	49.288	ng		90
52) Acenaphthene	14.551	154	2434932m	49.094	ng		
53) 3-Nitroaniline	14.416	138	593178	42.374	ng		94
54) 2,4-Dinitrophenol	14.621	184	718310	113.132	ng		88
55) Dibenzofuran	14.886	168	3150768	42.422	ng		98
56) 4-Nitrophenol	14.769	139	1181313	105.451	ng		86
57) 2,4-Dinitrotoluene	14.863	165	826229	52.537	ng		99
58) Fluorene	15.533	166	2580328	44.043	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.121	232	676311	46.621	ng		97
60) Diethylphthalate	15.316	149	2733181	44.475	ng		99
61) 4-Chlorophenyl-phenyle...	15.527	204	1231055	42.139	ng		97
62) 4-Nitroaniline	15.580	138	717724m	49.838	ng		
63) Azobenzene	15.821	77	2500637	42.803	ng		94
65) 4,6-Dinitro-2-methylph...	15.627	198	430163	46.962	ng		93
66) n-Nitrosodiphenylamine	15.751	169	2241115	44.315	ng		99
67) 4-Bromophenyl-phenylether	16.421	248	766475	42.774	ng		96
68) Hexachlorobenzene	16.527	284	911255	44.321	ng		95
69) Atrazine	16.710	200	809881	57.233	ng		97
70) Pentachlorophenol	16.886	266	1149084	95.428	ng		99
71) Phenanthrene	17.274	178	4014472	43.986	ng		99
72) Anthracene	17.362	178	4070400	46.066	ng		99
73) Carbazole	17.645	167	3910146	43.675	ng		99
74) Di-n-butylphthalate	18.198	149	4782236	44.747	ng		99
75) Fluoranthene	19.286	202	4588135	44.910	ng		98
77) Benzidine	19.480	184	3275261	130.850	ng		99
78) Pyrene	19.651	202	4735789	45.758	ng		98
80) Butylbenzylphthalate	20.550	149	2153105	48.201	ng		99
81) Benzo(a)anthracene	21.397	228	4650487	45.237	ng		99
82) 3,3'-Dichlorobenzidine	21.339	252	1612991	64.617	ng		99
83) Chrysene	21.456	228	4333995	44.350	ng		100
84) Bis(2-ethylhexyl)phtha...	21.327	149	3054284	45.322	ng		99
85) Di-n-octyl phthalate	22.239	149	5181595	47.113	ng	#	95
87) Indeno(1,2,3-cd)pyrene	26.232	276	5781310	45.601	ng		99
88) Benzo(b)fluoranthene	23.056	252	5029014	47.578	ng		99
89) Benzo(k)fluoranthene	23.103	252	4793716	44.903	ng		99
90) Benzo(a)pyrene	23.668	252	4478678	50.501	ng		98
91) Dibenzo(a,h)anthracene	26.250	278	5098600	48.044	ng		99
92) Benzo(g,h,i)perylene	26.985	276	5003252	48.700	ng		99

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

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