Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082522\
Data File : BM036403.D
Acq On : 25 Aug 2022 13:07
Operator : CG/JU
Sample : PB147203BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 26 03:35:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 15:21:00 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB147203BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/26/2022
Supervised By :Jagrut Upadhyay 08/26/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.787	152	294595	20.000	ng		0.00
21) Naphthalene-d8	10.586	136	1241879	20.000	ng	#	0.00
39) Acenaphthene-d10	14.433	164	686268	20.000	ng		0.00
64) Phenanthrene-d10	17.174	188	1193580	20.000	ng	#	0.00
76) Chrysene-d12	21.362	240	872863	20.000	ng		0.00
86) Perylene-d12	23.686	264	709814	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.363	112	1935227	106.502	ng		0.00
7) Phenol-d6	6.975	99	2410485	104.255	ng		0.00
23) Nitrobenzene-d5	8.963	82	2274736	102.532	ng		0.00
42) 2,4,6-Tribromophenol	15.927	330	685882	85.194	ng		0.00
45) 2-Fluorobiphenyl	13.063	172	4685516	100.807	ng		0.00
79) Terphenyl-d14	19.804	244	5147371	116.317	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.234	88	277739	37.932	ng		96
3) Pyridine	3.646	79	739165	37.647	ng		92
4) n-Nitrosodimethylamine	3.557	42	467831	57.983	ng	#	77
6) Aniline	7.122	93	1285116	50.192	ng		97
8) 2-Chlorophenol	7.357	128	1046069	53.994	ng		97
9) Benzaldehyde	6.934	77	375430	30.671	ng		99
10) Phenol	6.998	94	1309331	56.242	ng		95
11) bis(2-Chloroethyl)ether	7.222	93	1003457	52.324	ng		98
12) 1,3-Dichlorobenzene	7.675	146	1056015	49.188	ng		99
13) 1,4-Dichlorobenzene	7.822	146	1080653	49.359	ng		99
14) 1,2-Dichlorobenzene	8.140	146	1045352	49.484	ng		99
15) Benzyl Alcohol	8.045	79	838641m	54.052	ng		
16) 2,2'-oxybis(1-Chloropr...	8.328	45	1447950	56.781	ng		99
17) 2-Methylphenol	8.245	107	857200	55.624	ng		97
18) Hexachloroethane	8.857	117	411672	52.233	ng		91
19) n-Nitroso-di-n-propyla...	8.610	70	776591	55.297	ng		93
20) 3+4-Methylphenols	8.581	107	1147814	54.822	ng		98
22) Acetophenone	8.628	105	1516181	51.575	ng	#	94
24) Nitrobenzene	9.004	77	1160338	55.634	ng		99
25) Isophorone	9.534	82	2041688	56.570	ng		98
26) 2-Nitrophenol	9.710	139	519905	52.851	ng		98
27) 2,4-Dimethylphenol	9.781	122	941420	61.778	ng		98
28) bis(2-Chloroethoxy)met...	10.016	93	1315588	51.164	ng		99
29) 2,4-Dichlorophenol	10.245	162	898431	52.426	ng		99
30) 1,2,4-Trichlorobenzene	10.451	180	927554	47.762	ng		98
31) Naphthalene	10.639	128	3136181	50.794	ng		100
32) Benzoic acid	9.963	122	615171	50.926	ng		95
33) 4-Chloroaniline	10.763	127	757200	30.430	ng		97
34) Hexachlorobutadiene	10.916	225	533181	46.722	ng		98
35) Caprolactam	11.581	113	240863m	45.631	ng		
36) 4-Chloro-3-methylphenol	11.898	107	929573	51.607	ng		97
37) 2-Methylnaphthalene	12.251	142	2100511	51.123	ng		99
38) 1-Methylnaphthalene	12.475	142	2015343	50.088	ng		98
40) 1,2,4,5-Tetrachloroben...	12.622	216	950064	51.064	ng		98
41) Hexachlorocyclopentadiene	12.592	237	1167230	118.453	ng		99
43) 2,4,6-Trichlorophenol	12.869	196	644521	50.909	ng		100

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44) 2,4,5-Trichlorophenol	12.945	196	679930	50.876	ng		98
46) 1,1'-Biphenyl	13.269	154	2638831	52.763	ng		98
47) 2-Chloronaphthalene	13.310	162	1969823	51.461	ng		97
48) 2-Nitroaniline	13.533	65	592103	56.760	ng		97
49) Acenaphthylene	14.157	152	3284249	55.505	ng		99
50) Dimethylphthalate	13.910	163	2244536	48.095	ng		99
51) 2,6-Dinitrotoluene	14.027	165	487537	52.067	ng		98
52) Acenaphthene	14.498	154	2200499m	56.852	ng		
53) 3-Nitroaniline	14.363	138	397212	36.359	ng		98
54) 2,4-Dinitrophenol	14.569	184	536475	108.268	ng		97
55) Dibenzofuran	14.833	168	2875336	49.607	ng		99
56) 4-Nitrophenol	14.680	139	848803	97.090	ng		94
57) 2,4-Dinitrotoluene	14.816	165	644402	52.505	ng	#	86
58) Fluorene	15.480	166	2282394	49.919	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.063	232	528007	46.640	ng		97
60) Diethylphthalate	15.263	149	2272974	47.394	ng		100
61) 4-Chlorophenyl-phenyle...	15.480	204	1090608	47.837	ng		98
62) 4-Nitroaniline	15.527	138	497782m	44.291	ng		
63) Azobenzene	15.774	77	2400849	52.658	ng		95
65) 4,6-Dinitro-2-methylph...	15.574	198	311683	51.071	ng		87
66) n-Nitrosodiphenylamine	15.698	169	1886110	55.977	ng		99
67) 4-Bromophenyl-phenylether	16.368	248	617589	51.729	ng		99
68) Hexachlorobenzene	16.480	284	699643	51.074	ng		96
69) Atrazine	16.657	200	565631	59.994	ng		98
70) Pentachlorophenol	16.827	266	839560	104.647	ng		99
71) Phenanthrene	17.221	178	3201164	52.643	ng		99
72) Anthracene	17.310	178	3205972	54.457	ng		99
73) Carbazole	17.586	167	2860880	47.961	ng		99
74) Di-n-butylphthalate	18.151	149	3533646	49.625	ng		99
75) Fluoranthene	19.239	202	3222251	47.339	ng		98
77) Benzidine	19.433	184	1032114	78.845	ng		99
78) Pyrene	19.598	202	3266597	60.352	ng		99
80) Butylbenzylphthalate	20.503	149	1289087	55.181	ng		97
81) Benzo(a)anthracene	21.345	228	2769126	51.506	ng		99
82) 3,3'-Dichlorobenzidine	21.286	252	800015	61.282	ng		99
83) Chrysene	21.398	228	2550416	49.904	ng		100
84) Bis(2-ethylhexyl)phtha...	21.280	149	1852007	52.549	ng		100
85) Di-n-octyl phthalate	22.180	149	2768118	48.126	ng		98
87) Indeno(1,2,3-cd)pyrene	26.097	276	2324186	46.594	ng		95
88) Benzo(b)fluoranthene	22.980	252	2424262	58.293	ng	#	98
89) Benzo(k)fluoranthene	23.027	252	2376191	56.571	ng	#	98
90) Benzo(a)pyrene	23.586	252	2247558	64.413	ng	#	97
91) Dibenzo(a,h)anthracene	26.115	278	2069246	49.558	ng		97
92) Benzo(g,h,i)perylene	26.838	276	2037638	50.409	ng		96

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

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