

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080823\
 Data File : BM041326.D
 Acq On : 08 Aug 2023 12:01
 Operator : MA/JU
 Sample : PB154641BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB154641BS

Quant Time: Aug 09 01:14:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 17:25:06 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/09/2023
 Supervised By :mohammad ahmed 08/09/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	156788	20.000	ng	0.00
21) Naphthalene-d8	10.586	136	588545	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	315663	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	596558	20.000	ng	0.00
76) Chrysene-d12	21.415	240	530277	20.000	ng	0.00
86) Perylene-d12	23.786	264	637502	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1107662	105.588	ng	0.00
7) Phenol-d6	6.969	99	1336122	98.258	ng	0.00
23) Nitrobenzene-d5	8.963	82	880067	69.539	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	466739	104.535	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	1763592	70.577	ng	0.00
79) Terphenyl-d14	19.851	244	2212700	75.445	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.257	88	126305	28.145	ng	97
3) Pyridine	3.657	79	322101	27.297	ng	98
4) n-Nitrosodimethylamine	3.575	42	186003	34.083	ng	96
6) Aniline	7.122	93	494897	31.099	ng	99
8) 2-Chlorophenol	7.345	128	393699	38.443	ng	100
9) Benzaldehyde	6.934	77	246619m	34.371	ng	
10) Phenol	6.993	94	489172	37.246	ng	95
11) bis(2-Chloroethyl)ether	7.222	93	394612	37.119	ng	97
12) 1,3-Dichlorobenzene	7.669	146	450901	40.448	ng	99
13) 1,4-Dichlorobenzene	7.816	146	462087	41.240	ng	99
14) 1,2-Dichlorobenzene	8.134	146	439571	40.915	ng	99
15) Benzyl Alcohol	8.040	79	358726	41.774	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.322	45	482425	34.058	ng	95
17) 2-Methylphenol	8.245	107	316941	35.323	ng	98
18) Hexachloroethane	8.851	117	175100	41.976	ng	92
19) n-Nitroso-di-n-propyla...	8.604	70	305629	37.004	ng	97
20) 3+4-Methylphenols	8.575	107	422421	35.210	ng	97
22) Acetophenone	8.622	105	587731	37.706	ng	100
24) Nitrobenzene	9.004	77	469825	36.710	ng	99
25) Isophorone	9.528	82	785447	36.561	ng	99
26) 2-Nitrophenol	9.710	139	207243	41.422	ng	96
27) 2,4-Dimethylphenol	9.775	122	307013	34.872	ng	96
28) bis(2-Chloroethoxy)met...	10.016	93	475614	35.343	ng	100
29) 2,4-Dichlorophenol	10.245	162	347907	39.186	ng	98
30) 1,2,4-Trichlorobenzene	10.451	180	408216	41.616	ng	99
31) Naphthalene	10.639	128	1159184	36.295	ng	99
32) Benzoic acid	9.951	122	229703	36.716	ng	96
33) 4-Chloroaniline	10.769	127	320337	25.098	ng	99
34) Hexachlorobutadiene	10.904	225	258962	43.895	ng	98
35) Caprolactam	11.586	113	90731	35.327	ng	91
36) 4-Chloro-3-methylphenol	11.904	107	332805	35.614	ng	97
37) 2-Methylnaphthalene	12.257	142	749378	34.803	ng	98
38) 1-Methylnaphthalene	12.480	142	720826	35.768	ng	99
40) 1,2,4,5-Tetrachloroben...	12.627	216	420653	41.040	ng	98
41) Hexachlorocyclopentadiene	12.592	237	468138	86.329	ng	99
43) 2,4,6-Trichlorophenol	12.880	196	264733	40.297	ng	98

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44) 2,4,5-Trichlorophenol	12.957	196	282007	37.087	ng	98
46) 1,1'-Biphenyl	13.280	154	947321	37.019	ng	99
47) 2-Chloronaphthalene	13.322	162	743122	38.891	ng	99
48) 2-Nitroaniline	13.551	65	220201	36.104	ng	97
49) Acenaphthylene	14.174	152	1150422	37.301	ng	100
50) Dimethylphthalate	13.921	163	839550	35.357	ng	100
51) 2,6-Dinitrotoluene	14.051	165	184762	37.554	ng	97
52) Acenaphthene	14.516	154	659086	35.474	ng	99
53) 3-Nitroaniline	14.386	138	153470	28.087	ng	96
54) 2,4-Dinitrophenol	14.598	184	234774	71.345	ng	93
55) Dibenzofuran	14.851	168	1058409	34.915	ng	99
56) 4-Nitrophenol	14.704	139	287748	70.176	ng	95
57) 2,4-Dinitrotoluene	14.845	165	244215	35.496	ng	96
58) Fluorene	15.504	166	834183	34.883	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.086	232	234392	38.067	ng	97
60) Diethylphthalate	15.286	149	809035	35.233	ng	99
61) 4-Chlorophenyl-phenyle...	15.498	204	432442	36.086	ng	99
62) 4-Nitroaniline	15.557	138	163361	32.589	ng	96
63) Azobenzene	15.798	77	850007	33.794	ng	97
65) 4,6-Dinitro-2-methylph...	15.610	198	141127	39.051	ng	95
66) n-Nitrosodiphenylamine	15.721	169	692651	37.333	ng	99
67) 4-Bromophenyl-phenylether	16.398	248	256380	39.197	ng	98
68) Hexachlorobenzene	16.510	284	300058	41.256	ng	97
69) Atrazine	16.686	200	234952	48.221	ng	99
70) Pentachlorophenol	16.862	266	331098	65.742	ng	99
71) Phenanthrene	17.257	178	1200965	36.234	ng	100
72) Anthracene	17.345	178	1216279	37.103	ng	100
73) Carbazole	17.627	167	1075366	36.244	ng	100
74) Di-n-butylphthalate	18.186	149	1287405	38.398	ng	99
75) Fluoranthene	19.280	202	1343328	36.074	ng	99
77) Benzidine	19.480	184	657315	90.945	ng	100
78) Pyrene	19.645	202	1399071	37.728	ng	99
80) Butylbenzylphthalate	20.550	149	545341	40.270	ng	97
81) Benzo(a)anthracene	21.403	228	1365158	37.975	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	505911	43.128	ng	100
83) Chrysene	21.456	228	1267000	36.439	ng	99
84) Bis(2-ethylhexyl)phtha...	21.321	149	786590	37.180	ng	99
85) Di-n-octyl phthalate	22.239	149	1387893	40.552	ng	97
87) Indeno(1,2,3-cd)pyrene	26.238	276	1879023	40.090	ng	96
88) Benzo(b)fluoranthene	23.068	252	1485869	39.234	ng	98
89) Benzo(k)fluoranthene	23.115	252	1364570	35.225	ng	99
90) Benzo(a)pyrene	23.680	252	1302934	35.805	ng	98
91) Dibenzo(a,h)anthracene	26.250	278	1586537	40.583	ng	97
92) Benzo(g,h,i)perylene	26.991	276	1515588	39.621	ng	97

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

