

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061323\
 Data File : BM040228.D
 Acq On : 13 Jun 2023 16:54
 Operator : MA/JU
 Sample : PB153264BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB153264BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/14/2023
 Supervised By :mohammad ahmed 06/16/2023

Quant Time: Jun 13 22:55:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM061323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 13 22:36:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	537194	20.000	ng	0.00
21) Naphthalene-d8	10.792	136	2447325	20.000	ng	0.00
39) Acenaphthene-d10	14.621	164	1439594	20.000	ng	0.00
64) Phenanthrene-d10	17.362	188	2739866	20.000	ng	0.00
76) Chrysene-d12	21.539	240	2036482	20.000	ng	0.00
86) Perylene-d12	23.974	264	1653517	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	3389043	97.815	ng	0.00
7) Phenol-d6	7.145	99	4334315	91.757	ng	0.00
23) Nitrobenzene-d5	9.151	82	3948719	84.487	ng	0.00
42) 2,4,6-Tribromophenol	16.110	330	1561379	77.749	ng	0.00
45) 2-Fluorobiphenyl	13.245	172	8767269	83.594	ng	0.00
79) Terphenyl-d14	19.980	244	11329068	108.095	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	448668	32.424	ng	98
3) Pyridine	3.799	79	1203547	30.414	ng	99
4) n-Nitrosodimethylamine	3.705	42	721992	40.696	ng	98
6) Aniline	7.304	93	1873100	32.307	ng	99
8) 2-Chlorophenol	7.540	128	1841023	49.933	ng	99
9) Benzaldehyde	7.110	77	165662	6.314	ng	99
10) Phenol	7.169	94	2372090	51.329	ng	98
11) bis(2-Chloroethyl)ether	7.398	93	1685194	43.974	ng	100
12) 1,3-Dichlorobenzene	7.869	146	1702805	44.733	ng	98
13) 1,4-Dichlorobenzene	8.016	146	1751507	45.448	ng	99
14) 1,2-Dichlorobenzene	8.334	146	1713689	45.478	ng	98
15) Benzyl Alcohol	8.222	79	1621176	47.853	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.516	45	2351013	44.447	ng	100
17) 2-Methylphenol	8.428	107	1600371	47.210	ng	99
18) Hexachloroethane	9.069	117	654946	46.065	ng	98
19) n-Nitroso-di-n-propyla...	8.798	70	1386472	43.697	ng	99
20) 3+4-Methylphenols	8.757	107	2191396	47.259	ng	98
22) Acetophenone	8.810	105	2720467	42.705	ng	# 99
24) Nitrobenzene	9.192	77	2003265	41.762	ng	98
25) Isophorone	9.722	82	3740293	41.188	ng	99
26) 2-Nitrophenol	9.904	139	942473	45.975	ng	99
27) 2,4-Dimethylphenol	9.969	122	1829671	47.998	ng	99
28) bis(2-Chloroethoxy)met...	10.204	93	2412219	42.261	ng	99
29) 2,4-Dichlorophenol	10.439	162	1727558	47.837	ng	99
30) 1,2,4-Trichlorobenzene	10.657	180	1584635	43.058	ng	99
31) Naphthalene	10.845	128	5424873	41.259	ng	100
32) Benzoic acid	10.134	122	1353843	45.348	ng	98
33) 4-Chloroaniline	10.957	127	872689	14.839	ng	100
34) Hexachlorobutadiene	11.128	225	860254	41.580	ng	100
35) Caprolactam	11.757	113	542049m	43.071	ng	
36) 4-Chloro-3-methylphenol	12.080	107	1872879	44.709	ng	100
37) 2-Methylnaphthalene	12.451	142	3728991	40.003	ng	98
38) 1-Methylnaphthalene	12.669	142	3531989	40.117	ng	99
40) 1,2,4,5-Tetrachloroben...	12.816	216	1792644	44.782	ng	99
41) Hexachlorocyclopentadiene	12.798	237	2449377	111.233	ng	98
43) 2,4,6-Trichlorophenol	13.057	196	1285053	46.293	ng	98

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44) 2,4,5-Trichlorophenol	13.127	196	1414656	42.780	ng	99
46) 1,1'-Biphenyl	13.457	154	4922212	43.318	ng	100
47) 2-Chloronaphthalene	13.498	162	3700510	43.976	ng	99
48) 2-Nitroaniline	13.704	65	1228606	44.290	ng	98
49) Acenaphthylene	14.345	152	5929578	42.244	ng	99
50) Dimethylphthalate	14.080	163	4661120	40.689	ng	99
51) 2,6-Dinitrotoluene	14.198	165	1002761	43.022	ng	98
52) Acenaphthene	14.686	154	3582026	41.829	ng	100
53) 3-Nitroaniline	14.527	138	842015	30.407	ng	98
54) 2,4-Dinitrophenol	14.733	184	1297375	86.630	ng	94
55) Dibenzofuran	15.016	168	5540024	40.896	ng	100
56) 4-Nitrophenol	14.839	139	1957798	90.453	ng	99
57) 2,4-Dinitrotoluene	14.986	165	1356849	43.197	ng	97
58) Fluorene	15.668	166	4534576	41.114	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.245	232	1178434	43.811	ng	99
60) Diethylphthalate	15.439	149	4771112	40.534	ng	100
61) 4-Chlorophenyl-phenyle...	15.657	204	2280489	42.041	ng	98
62) 4-Nitroaniline	15.692	138	1124233	39.510	ng	98
63) Azobenzene	15.951	77	4883959	41.318	ng	99
65) 4,6-Dinitro-2-methylph...	15.745	198	772620	47.034	ng	99
66) n-Nitrosodiphenylamine	15.874	169	3894563	45.045	ng	99
67) 4-Bromophenyl-phenylether	16.551	248	1281187	44.667	ng	100
68) Hexachlorobenzene	16.668	284	1473755	46.514	ng	100
69) Atrazine	16.827	200	1154868	44.632	ng	98
70) Pentachlorophenol	17.015	266	2009801	88.476	ng	99
71) Phenanthrene	17.410	178	6572428	43.109	ng	100
72) Anthracene	17.498	178	6669061	43.318	ng	99
73) Carbazole	17.768	167	6151074	42.465	ng	100
74) Di-n-butylphthalate	18.327	149	7830023	43.582	ng	100
75) Fluoranthene	19.415	202	6784751	40.151	ng	100
77) Benzidine	19.603	184	1897539	50.174	ng	99
78) Pyrene	19.780	202	7092968	50.775	ng	100
80) Butylbenzylphthalate	20.674	149	3127524	48.882	ng	100
81) Benzo(a)anthracene	21.527	228	6169726	44.469	ng	99
82) 3,3'-Dichlorobenzidine	21.456	252	1853819	39.015	ng	100
83) Chrysene	21.580	228	5593651	42.605	ng	100
84) Bis(2-ethylhexyl)phtha...	21.445	149	4520108	46.683	ng	100
85) Di-n-octyl phthalate	22.380	149	7085900	43.812	ng	100
87) Indeno(1,2,3-cd)pyrene	26.515	276	4981744	45.483	ng	99
88) Benzo(b)fluoranthene	23.233	252	5086398	51.391	ng	100
89) Benzo(k)fluoranthene	23.280	252	5059507	49.707	ng	100
90) Benzo(a)pyrene	23.868	252	4131498	44.004	ng	99
91) Dibenzo(a,h)anthracene	26.527	278	4259926	45.734	ng	99
92) Benzo(g,h,i)perylene	27.291	276	3873110	46.458	ng	98

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

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