

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080223\
 Data File : BM041240.D
 Acq On : 02 Aug 2023 12:11
 Operator : MA/JU
 Sample : 03810-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

B-P3BMS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/03/2023

Supervised By :mohammad ahmed 08/03/2023

Quant Time: Aug 03 03:06:04 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Aug 02 19:20:51 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	155653	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	682634	20.000	ng	0.00
39) Acenaphthene-d10	14.468	164	440932	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	985341	20.000	ng	# 0.00
76) Chrysene-d12	21.433	240	717790	20.000	ng	0.00
86) Perylene-d12	23.803	264	730239	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	879752	84.474	ng	0.00
7) Phenol-d6	6.987	99	1225575	90.786	ng	0.00
23) Nitrobenzene-d5	8.975	82	740752	50.464	ng	0.00
42) 2,4,6-Tribromophenol	15.968	330	619671	99.358	ng	0.00
45) 2-Fluorobiphenyl	13.080	172	1793804	51.392	ng	0.00
79) Terphenyl-d14	19.862	244	3078804	77.553	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.257	88	141259	31.707	ng	97
3) Pyridine	3.663	79	457969	39.095	ng	95
4) n-Nitrosodimethylamine	3.581	42	214770	39.642	ng	92
6) Aniline	7.134	93	613651	38.842	ng	98
8) 2-Chlorophenol	7.363	128	569151	55.980	ng	99
9) Benzaldehyde	6.945	77	324680m	45.581	ng	
10) Phenol	7.010	94	732613	56.189	ng	98
11) bis(2-Chloroethyl)ether	7.234	93	535240	50.714	ng	95
12) 1,3-Dichlorobenzene	7.681	146	589401	53.257	ng	98
13) 1,4-Dichlorobenzene	7.834	146	603592	54.262	ng	98
14) 1,2-Dichlorobenzene	8.145	146	584729	54.823	ng	99
15) Benzyl Alcohol	8.057	79	534844	62.737	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.339	45	658646	46.838	ng	96
17) 2-Methylphenol	8.263	107	489774	54.983	ng	98
18) Hexachloroethane	8.863	117	208277	50.293	ng	91
19) n-Nitroso-di-n-propyla...	8.616	70	448955	54.753	ng	97
20) 3+4-Methylphenols	8.592	107	673287	56.530	ng	99
22) Acetophenone	8.639	105	862232	47.692	ng	# 97
24) Nitrobenzene	9.022	77	670462	45.166	ng	99
25) Isophorone	9.545	82	1266353	50.822	ng	99
26) 2-Nitrophenol	9.728	139	212719	36.657	ng	94
27) 2,4-Dimethylphenol	9.792	122	504340	49.390	ng	98
28) bis(2-Chloroethoxy)met...	10.028	93	742283	47.557	ng	100
29) 2,4-Dichlorophenol	10.263	162	597019	57.976	ng	99
30) 1,2,4-Trichlorobenzene	10.469	180	614664	54.025	ng	98
31) Naphthalene	10.657	128	1764950	47.645	ng	99
32) Benzoic acid	9.986	122	426249	54.449	ng	99
33) 4-Chloroaniline	10.786	127	387471	26.174	ng	99
34) Hexachlorobutadiene	10.922	225	380406	55.593	ng	98
35) Caprolactam	11.622	113	198668	66.691	ng	# 87
36) 4-Chloro-3-methylphenol	11.927	107	640064	59.054	ng	100
37) 2-Methylnaphthalene	12.275	142	1268326	50.786	ng	99
38) 1-Methylnaphthalene	12.498	142	1209221	51.733	ng	99
40) 1,2,4,5-Tetrachloroben...	12.645	216	727153	50.788	ng	98
41) Hexachlorocyclopentadiene	12.610	237	294102	38.827	ng	99
43) 2,4,6-Trichlorophenol	12.898	196	520393	56.708	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.974	196	571820	53.837	ng	97
46) 1,1'-Biphenyl	13.298	154	1690759	47.299	ng	98
47) 2-Chloronaphthalene	13.339	162	1337232	50.102	ng	98
48) 2-Nitroaniline	13.563	65	449147	52.719	ng	96
49) Acenaphthylene	14.186	152	2175180	50.491	ng	100
50) Dimethylphthalate	13.939	163	1695609	51.122	ng	99
51) 2,6-Dinitrotoluene	14.069	165	347837	50.614	ng	91
52) Acenaphthene	14.533	154	1257597	48.457	ng	100
53) 3-Nitroaniline	14.398	138	393642	49.419	ng	96
54) 2,4-Dinitrophenol	14.616	184	57600	17.341	ng	91
55) Dibenzofuran	14.868	168	2096101	49.503	ng	98
56) 4-Nitrophenol	14.727	139	592210	103.396	ng	95
57) 2,4-Dinitrotoluene	14.863	165	477459	48.614	ng	94
58) Fluorene	15.521	166	1705907	51.069	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.104	232	494436	57.487	ng	95
60) Diethylphthalate	15.304	149	1713666	53.427	ng	98
61) 4-Chlorophenyl-phenyle...	15.515	204	900845	53.817	ng	96
62) 4-Nitroaniline	15.574	138	408325	55.042	ng	97
63) Azobenzene	15.810	77	1721573	49.000	ng	97
65) 4,6-Dinitro-2-methylph...	15.627	198	43834	7.343	ng	91
66) n-Nitrosodiphenylamine	15.739	169	1454462	47.462	ng	99
67) 4-Bromophenyl-phenylether	16.415	248	566770	52.462	ng	98
68) Hexachlorobenzene	16.527	284	672332	55.967	ng	95
69) Atrazine	16.704	200	492812	61.236	ng	99
70) Pentachlorophenol	16.880	266	665019	79.945	ng	99
71) Phenanthrene	17.268	178	2688009	49.100	ng	99
72) Anthracene	17.362	178	2719761	50.231	ng	100
73) Carbazole	17.645	167	2445543	49.902	ng	100
74) Di-n-butylphthalate	18.198	149	3202363	57.827	ng	99
75) Fluoranthene	19.298	202	3105805	50.496	ng	98
77) Benzidine	19.492	184	1115052	113.974	ng	100
78) Pyrene	19.662	202	3128213	62.320	ng	100
80) Butylbenzylphthalate	20.562	149	1345690	73.412	ng	95
81) Benzo(a)anthracene	21.415	228	2628584	54.019	ng	99
82) 3,3'-Dichlorobenzidine	21.356	252	846009	53.281	ng	99
83) Chrysene	21.468	228	2376152	50.485	ng	99
84) Bis(2-ethylhexyl)phtha...	21.339	149	1910233	64.689	ng	# 96
85) Di-n-octyl phthalate	22.256	149	2948946	63.654	ng	96
87) Indeno(1,2,3-cd)pyrene	26.268	276	2678664	49.893	ng	95
88) Benzo(b)fluoranthene	23.086	252	2296647	52.942	ng	98
89) Benzo(k)fluoranthene	23.139	252	2234349	50.352	ng	98
90) Benzo(a)pyrene	23.703	252	2025597	48.596	ng	98
91) Dibenzo(a,h)anthracene	26.285	278	2236897	49.952	ng	97
92) Benzo(g,h,i)perylene	27.021	276	2066199	47.155	ng	96

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

