

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052822\
 Data File : BM035305.D
 Acq On : 28 May 2022 12:16
 Operator : CG/JU
 Sample : PB145147BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB145147BS

Quant Time: May 29 00:32:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 27 16:44:39 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian
 Giraldo
 05/29/2022
 Supervised By :Jagrut
 Upadhyay
 05/31/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	115562	20.000	ng	0.00
21) Naphthalene-d8	10.675	136	490047	20.000	ng	# 0.00
39) Acenaphthene-d10	14.510	164	342343	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	792399	20.000	ng	# 0.00
76) Chrysene-d12	21.439	240	1003006	20.000	ng	# 0.00
86) Perylene-d12	23.803	264	1046083	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	845248	135.048	ng	0.00
7) Phenol-d6	7.051	99	1062335	131.082	ng	0.00
23) Nitrobenzene-d5	9.034	82	683641	76.795	ng	0.00
42) 2,4,6-Tribromophenol	16.004	330	609863	137.320	ng	0.00
45) 2-Fluorobiphenyl	13.139	172	1878674	76.101	ng	0.00
79) Terphenyl-d14	19.880	244	3908322	69.048	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.352	88	66838	27.268	ng	93
3) Pyridine	3.752	79	180809	28.352	ng	93
4) n-Nitrosodimethylamine	3.663	42	123511	39.766	ng	87
6) Aniline	7.198	93	379012	44.017	ng	98
8) 2-Chlorophenol	7.440	128	321621	45.665	ng	95
9) Benzaldehyde	7.010	77	149147	35.495	ng	94
10) Phenol	7.075	94	369518	46.785	ng	98
11) bis(2-Chloroethyl)ether	7.298	93	262025	42.442	ng	95
12) 1,3-Dichlorobenzene	7.763	146	330694	40.623	ng	97
13) 1,4-Dichlorobenzene	7.910	146	342981	41.253	ng	99
14) 1,2-Dichlorobenzene	8.228	146	331968	41.140	ng	98
15) Benzyl Alcohol	8.116	79	268340m	46.551	ng	
16) 2,2'-oxybis(1-Chloropr...	8.410	45	330608	39.844	ng	93
17) 2-Methylphenol	8.322	107	258443	46.668	ng	99
18) Hexachloroethane	8.951	117	118500	41.609	ng	92
19) n-Nitroso-di-n-propyla...	8.687	70	215591	43.133	ng	95
20) 3+4-Methylphenols	8.651	107	354292	46.738	ng	96
22) Acetophenone	8.698	105	453822	38.915	ng	# 95
24) Nitrobenzene	9.075	77	332593	40.507	ng	98
25) Isophorone	9.610	82	593796	44.071	ng	96
26) 2-Nitrophenol	9.787	139	178839	42.213	ng	95
27) 2,4-Dimethylphenol	9.857	122	294234	49.585	ng	98
28) bis(2-Chloroethoxy)met...	10.086	93	364955	40.054	ng	99
29) 2,4-Dichlorophenol	10.328	162	334970	44.823	ng	99
30) 1,2,4-Trichlorobenzene	10.539	180	358004	40.127	ng	96
31) Naphthalene	10.722	128	962683	40.316	ng	100
32) Benzoic acid	10.022	122	231171	43.490	ng	96
33) 4-Chloroaniline	10.834	127	334443	35.361	ng	97
34) Hexachlorobutadiene	11.016	225	227995	39.056	ng	99
35) Caprolactam	11.633	113	105378m	51.387	ng	
36) 4-Chloro-3-methylphenol	11.969	107	340493	45.860	ng	99
37) 2-Methylnaphthalene	12.333	142	705870	41.923	ng	99
38) 1-Methylnaphthalene	12.557	142	678471	41.222	ng	99
40) 1,2,4,5-Tetrachloroben...	12.710	216	433522	39.544	ng	# 97
41) Hexachlorocyclopentadiene	12.686	237	483529	73.319	ng	99
43) 2,4,6-Trichlorophenol	12.951	196	294106	41.167	ng	99

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44) 2,4,5-Trichlorophenol	13.022	196	327806	43.136	ng	#	94
46) 1,1'-Biphenyl	13.345	154	980471	38.870	ng		99
47) 2-Chloronaphthalene	13.386	162	766716	39.202	ng		99
48) 2-Nitroaniline	13.592	65	216231	44.309	ng		92
49) Acenaphthylene	14.233	152	1269481	43.533	ng		99
50) Dimethylphthalate	13.974	163	1017491	41.910	ng		99
51) 2,6-Dinitrotoluene	14.092	165	231560	46.463	ng	#	83
52) Acenaphthene	14.574	154	715961	40.316	ng		99
53) 3-Nitroaniline	14.422	138	192192	38.925	ng		94
54) 2,4-Dinitrophenol	14.633	184	321347	100.948	ng	#	83
55) Dibenzofuran	14.910	168	1197464	40.036	ng		96
56) 4-Nitrophenol	14.739	139	405308	106.474	ng		91
57) 2,4-Dinitrotoluene	14.880	165	332371	49.717	ng		89
58) Fluorene	15.557	166	985743	42.270	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.139	232	299708	44.559	ng	#	85
60) Diethylphthalate	15.339	149	1032599	43.532	ng		97
61) 4-Chlorophenyl-phenyle...	15.557	204	529631	41.714	ng		91
62) 4-Nitroaniline	15.586	138	245806	49.290	ng		95
63) Azobenzene	15.845	77	805107	40.118	ng		93
65) 4,6-Dinitro-2-methylph...	15.645	198	206654	41.582	ng		89
66) n-Nitrosodiphenylamine	15.768	169	890581	39.023	ng		100
67) 4-Bromophenyl-phenylether	16.445	248	344659	38.900	ng		92
68) Hexachlorobenzene	16.568	284	398343	40.359	ng	#	87
69) Atrazine	16.727	200	360970	47.520	ng		96
70) Pentachlorophenol	16.910	266	526132	92.294	ng		99
71) Phenanthrene	17.298	178	1677162	41.196	ng		100
72) Anthracene	17.386	178	1688366	42.484	ng		100
73) Carbazole	17.662	167	1611390	42.636	ng		98
74) Di-n-butylphthalate	18.227	149	1884836	42.983	ng		99
75) Fluoranthene	19.315	202	2183005	45.780	ng		98
77) Benzidine	19.498	184	1109700	54.617	ng		99
78) Pyrene	19.674	202	2290953	34.815	ng		99
80) Butylbenzylphthalate	20.574	149	956868	38.018	ng		93
81) Benzo(a)anthracene	21.421	228	2591784	40.862	ng		99
82) 3,3'-Dichlorobenzidine	21.356	252	906580	57.730	ng	#	97
83) Chrysene	21.474	228	2413929	40.317	ng		100
84) Bis(2-ethylhexyl)phtha...	21.356	149	1454706	40.880	ng	#	97
85) Di-n-octyl phthalate	22.268	149	2609095	44.196	ng	#	94
87) Indeno(1,2,3-cd)pyrene	26.268	276	3033768	42.566	ng	#	95
88) Benzo(b)fluoranthene	23.092	252	2880175	45.636	ng		99
89) Benzo(k)fluoranthene	23.139	252	2693252	43.193	ng		99
90) Benzo(a)pyrene	23.703	252	2742565	52.431	ng		98
91) Dibenzo(a,h)anthracene	26.280	278	2669475	45.089	ng		96
92) Benzo(g,h,i)perylene	27.021	276	2661498	45.074	ng	#	95

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

