

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022023\
 Data File : BM038788.D
 Acq On : 20 Feb 2023 15:42
 Operator : CG/JU
 Sample : PB150932BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB150932BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/21/2023
 Supervised By : Jagrut Upadhyay 02/21/2023

Quant Time: Feb 21 02:07:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 21 02:04:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	65838	20.000	ng	0.00
21) Naphthalene-d8	10.692	136	260450	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	159076	20.000	ng	0.00
64) Phenanthrene-d10	17.286	188	264746	20.000	ng	# 0.00
76) Chrysene-d12	21.468	240	211986	20.000	ng	0.00
86) Perylene-d12	23.844	264	199954	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	508329	151.246	ng	0.00
7) Phenol-d6	7.063	99	587898	153.368	ng	0.00
23) Nitrobenzene-d5	9.063	82	341225	74.416	ng	0.00
42) 2,4,6-Tribromophenol	16.033	330	257922	119.287	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	974093	77.958	ng	0.00
79) Terphenyl-d14	19.909	244	1148751	95.627	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.275	88	43326	29.241	ng	96
3) Pyridine	3.693	79	101169	28.714	ng	94
4) n-Nitrosodimethylamine	3.604	42	58527	36.796	ng	85
6) Aniline	7.210	93	139587	29.192	ng	92
8) 2-Chlorophenol	7.445	128	192820	52.577	ng	95
10) Phenol	7.087	94	204652	52.847	ng	93
11) bis(2-Chloroethyl)ether	7.310	93	151568	48.329	ng	94
12) 1,3-Dichlorobenzene	7.763	146	216346	46.171	ng	98
13) 1,4-Dichlorobenzene	7.916	146	221042	46.742	ng	99
14) 1,2-Dichlorobenzene	8.234	146	211802	46.752	ng	98
15) Benzyl Alcohol	8.134	79	133370m	47.271	ng	
16) 2,2'-oxybis(1-Chloropr...	8.404	45	124526	41.920	ng	96
17) 2-Methylphenol	8.339	107	144543	48.661	ng	97
18) Hexachloroethane	8.951	117	77185	50.540	ng	91
19) n-Nitroso-di-n-propyla...	8.704	70	108957	47.156	ng	92
20) 3+4-Methylphenols	8.675	107	192318	48.561	ng	95
22) Acetophenone	8.722	105	254535	40.980	ng	# 96
24) Nitrobenzene	9.104	77	171935	36.943	ng	# 88
25) Isophorone	9.628	82	307147	38.238	ng	99
26) 2-Nitrophenol	9.810	139	108800	42.011	ng	93
27) 2,4-Dimethylphenol	9.880	122	162679	43.537	ng	95
28) bis(2-Chloroethoxy)met...	10.110	93	198538	40.444	ng	99
29) 2,4-Dichlorophenol	10.351	162	194888	36.712	ng	97
30) 1,2,4-Trichlorobenzene	10.557	180	195737	34.663	ng	98
31) Naphthalene	10.745	128	545572	40.820	ng	99
32) Benzoic acid	10.063	122	125250	41.409	ng	95
33) 4-Chloroaniline	10.869	127	111134	18.973	ng	92
34) Hexachlorobutadiene	11.016	225	114601	40.513	ng	96
35) Caprolactam	11.686	113	42561	37.227	ng	94
36) 4-Chloro-3-methylphenol	12.004	107	150927	38.449	ng	99
37) 2-Methylnaphthalene	12.357	142	395673	36.635	ng	99
38) 1-Methylnaphthalene	12.574	142	369735	36.330	ng	100
40) 1,2,4,5-Tetrachloroben...	12.727	216	177046	42.765	ng	99
41) Hexachlorocyclopentadiene	12.692	237	239025	93.042	ng	98
43) 2,4,6-Trichlorophenol	12.974	196	129684	39.873	ng	99
44) 2,4,5-Trichlorophenol	13.057	196	137465	35.916	ng	96

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46) 1,1'-Biphenyl	13.368	154	530301	42.084	ng	98
47) 2-Chloronaphthalene	13.416	162	412111	41.562	ng	95
48) 2-Nitroaniline	13.633	65	82748	37.476	ng	95
49) Acenaphthylene	14.263	152	627825	40.199	ng	99
50) Dimethylphthalate	14.004	163	490349	37.773	ng	99
51) 2,6-Dinitrotoluene	14.133	165	102158	38.719	ng	97
52) Acenaphthene	14.604	154	367912	39.453	ng	100
53) 3-Nitroaniline	14.463	138	80908	29.935	ng	99
54) 2,4-Dinitrophenol	14.680	184	122907	71.568	ng	# 86
55) Dibenzofuran	14.939	168	584224	36.381	ng	95
56) 4-Nitrophenol	14.786	139	159414	75.335	ng	92
57) 2,4-Dinitrotoluene	14.921	165	138316	35.952	ng	94
58) Fluorene	15.586	166	471149	37.080	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.168	232	102473	38.468	ng	97
60) Diethylphthalate	15.362	149	488612	39.731	ng	95
61) 4-Chlorophenyl-phenyle...	15.580	204	220925	40.985	ng	99
62) 4-Nitroaniline	15.627	138	97489m	34.917	ng	
63) Azobenzene	15.874	77	369824	39.086	ng	97
65) 4,6-Dinitro-2-methylph...	15.686	198	66759	40.056	ng	94
66) n-Nitrosodiphenylamine	15.798	169	378583	43.795	ng	99
67) 4-Bromophenyl-phenylether	16.474	248	124031	48.520	ng	98
68) Hexachlorobenzene	16.586	284	148811	47.633	ng	93
69) Atrazine	16.751	200	40447	16.144	ng	100
70) Pentachlorophenol	16.939	266	172120	75.577	ng	97
71) Phenanthrene	17.327	178	642351	40.862	ng	99
72) Anthracene	17.421	178	643114	39.991	ng	99
73) Carbazole	17.698	167	580245	38.688	ng	98
74) Di-n-butylphthalate	18.245	149	776473	45.823	ng	99
75) Fluoranthene	19.345	202	629288	38.127	ng	100
77) Benzidine	19.539	184	133522	22.718	ng	99
78) Pyrene	19.709	202	645446	39.547	ng	100
80) Butylbenzylphthalate	20.597	149	309426	38.484	ng	98
81) Benzo(a)anthracene	21.450	228	594976	39.678	ng	100
82) 3,3'-Dichlorobenzidine	21.386	252	195989	37.991	ng	99
83) Chrysene	21.503	228	547236	37.877	ng	99
84) Bis(2-ethylhexyl)phtha...	21.368	149	457380	38.976	ng	98
85) Di-n-octyl phthalate	22.280	149	749860	39.033	ng	99
87) Indeno(1,2,3-cd)pyrene	26.332	276	777085	49.340	ng	99
88) Benzo(b)fluoranthene	23.121	252	600032	50.101	ng	99
89) Benzo(k)fluoranthene	23.168	252	615535	50.612	ng	100
90) Benzo(a)pyrene	23.744	252	519896	43.896	ng	98
91) Dibenzo(a,h)anthracene	26.338	278	685096	51.703	ng	98
92) Benzo(g,h,i)perylene	27.091	276	625718	46.715	ng	99

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

