

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021423\
 Data File : BM038727.D
 Acq On : 14 Feb 2023 12:51
 Operator : CG/JU
 Sample : PB150810BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB150810BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/15/2023
 Supervised By : Jagrut Upadhyay 02/17/2023

Quant Time: Feb 14 15:52:04 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 14 15:49:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	51495	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	176638	20.000	ng	0.00
39) Acenaphthene-d10	14.539	164	106134	20.000	ng	0.00
64) Phenanthrene-d10	17.286	188	193874	20.000	ng	0.00
76) Chrysene-d12	21.462	240	145168	20.000	ng	0.00
86) Perylene-d12	23.838	264	169380	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	393208	149.579	ng	0.00
7) Phenol-d6	7.081	99	437058	145.775	ng	0.00
23) Nitrobenzene-d5	9.081	82	262697	84.474	ng	0.00
42) 2,4,6-Tribromophenol	16.033	330	180465	125.097	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	736747	88.374	ng	0.00
79) Terphenyl-d14	19.903	244	825372	100.333	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.310	88	39022	33.672	ng	95
3) Pyridine	3.728	79	93236	33.833	ng	97
4) n-Nitrosodimethylamine	3.640	42	50250	40.392	ng	89
6) Aniline	7.234	93	130079	34.781	ng	94
8) 2-Chlorophenol	7.469	128	139479	48.625	ng	95
9) Benzaldehyde	7.045	77	31530	23.860	ng	92
10) Phenol	7.104	94	147789	48.793	ng	91
11) bis(2-Chloroethyl)ether	7.334	93	110674	45.119	ng	99
12) 1,3-Dichlorobenzene	7.787	146	173175	47.252	ng	97
13) 1,4-Dichlorobenzene	7.939	146	176552	47.733	ng	97
14) 1,2-Dichlorobenzene	8.251	146	168218	47.474	ng	99
15) Benzyl Alcohol	8.157	79	90931m	41.206	ng	
16) 2,2'-oxybis(1-Chloropr...	8.439	45	96238	41.421	ng	95
17) 2-Methylphenol	8.357	107	100656	43.325	ng	97
18) Hexachloroethane	8.975	117	58332	48.834	ng	91
19) n-Nitroso-di-n-propyla...	8.722	70	76859	42.529	ng	94
20) 3+4-Methylphenols	8.687	107	133748	43.178	ng	96
22) Acetophenone	8.739	105	178494	42.373	ng	# 97
24) Nitrobenzene	9.122	77	126261	40.001	ng	91
25) Isophorone	9.645	82	211565	38.835	ng	96
26) 2-Nitrophenol	9.828	139	79881	45.480	ng	99
27) 2,4-Dimethylphenol	9.892	122	111663	44.063	ng	96
28) bis(2-Chloroethoxy)met...	10.128	93	139890	42.018	ng	97
29) 2,4-Dichlorophenol	10.363	162	145208	40.332	ng	99
30) 1,2,4-Trichlorobenzene	10.575	180	153945	40.197	ng	98
31) Naphthalene	10.763	128	394516	43.524	ng	99
32) Benzoic acid	10.045	122	79423	38.717	ng	94
33) 4-Chloroaniline	10.886	127	61974	15.601	ng	96
34) Hexachlorobutadiene	11.033	225	76471	39.860	ng	96
35) Caprolactam	11.686	113	30045m	38.749	ng	
36) 4-Chloro-3-methylphenol	12.010	107	102923	38.661	ng	93
37) 2-Methylnaphthalene	12.369	142	291150	39.748	ng	99
38) 1-Methylnaphthalene	12.586	142	269062	38.982	ng	98
40) 1,2,4,5-Tetrachloroben...	12.733	216	122060	44.190	ng	99
41) Hexachlorocyclopentadiene	12.704	237	161122	94.002	ng	99
43) 2,4,6-Trichlorophenol	12.980	196	93765	43.210	ng	98

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44) 2,4,5-Trichlorophenol	13.057	196	99791	39.078	ng	98
46) 1,1'-Biphenyl	13.380	154	394756	46.954	ng	100
47) 2-Chloronaphthalene	13.421	162	309760	46.823	ng	96
48) 2-Nitroaniline	13.639	65	60490	40.854	ng	98
49) Acenaphthylene	14.268	152	471512	45.250	ng	99
50) Dimethylphthalate	14.010	163	357693	41.299	ng	99
51) 2,6-Dinitrotoluene	14.133	165	76661	43.549	ng	96
52) Acenaphthene	14.604	154	277447	44.593	ng	98
53) 3-Nitroaniline	14.468	138	54311	30.108	ng	99
54) 2,4-Dinitrophenol	14.674	184	98235	85.735	ng	96
55) Dibenzofuran	14.939	168	445245	41.557	ng	98
56) 4-Nitrophenol	14.780	139	129513	91.734	ng	94
57) 2,4-Dinitrotoluene	14.921	165	101855	39.511	ng	98
58) Fluorene	15.586	166	351579	41.472	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.168	232	74521	41.930	ng	98
60) Diethylphthalate	15.363	149	342496	41.742	ng	98
61) 4-Chlorophenyl-phenyle...	15.580	204	144966	40.308	ng	99
62) 4-Nitroaniline	15.627	138	71754m	38.328	ng	
63) Azobenzene	15.874	77	268344	42.508	ng	97
65) 4,6-Dinitro-2-methylph...	15.680	198	51510	42.205	ng	94
66) n-Nitrosodiphenylamine	15.798	169	285834	45.153	ng	99
67) 4-Bromophenyl-phenylether	16.474	248	83576	44.646	ng	97
68) Hexachlorobenzene	16.586	284	108760	47.539	ng	95
69) Atrazine	16.751	200	85041	46.350	ng	99
70) Pentachlorophenol	16.939	266	130630	78.327	ng	99
71) Phenanthrene	17.327	178	511493	44.433	ng	99
72) Anthracene	17.421	178	512042	43.480	ng	99
73) Carbazole	17.698	167	483683	44.038	ng	99
74) Di-n-butylphthalate	18.245	149	562912	45.364	ng	99
75) Fluoranthene	19.339	202	496923	41.113	ng	98
77) Benzidine	19.533	184	193425	44.586	ng	99
78) Pyrene	19.703	202	527440	47.192	ng	100
80) Butylbenzylphthalate	20.592	149	240702	43.452	ng	97
81) Benzo(a)anthracene	21.444	228	450664	43.887	ng	99
82) 3,3'-Dichlorobenzidine	21.380	252	142590	40.362	ng	99
83) Chrysene	21.497	228	427240	43.182	ng	100
84) Bis(2-ethylhexyl)phtha...	21.362	149	339069	42.070	ng	99
85) Di-n-octyl phthalate	22.274	149	574910	43.700	ng	100
87) Indeno(1,2,3-cd)pyrene	26.315	276	700061	52.473	ng	97
88) Benzo(b)fluoranthene	23.115	252	508168	50.090	ng	98
89) Benzo(k)fluoranthene	23.162	252	494957	48.044	ng	98
90) Benzo(a)pyrene	23.733	252	451779	45.030	ng	98
91) Dibenzo(a,h)anthracene	26.327	278	591409	52.689	ng	98
92) Benzo(g,h,i)perylene	27.074	276	595986	52.527	ng	98

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

