

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120121\
 Data File : BP008176.D
 Acq On : 01 Dec 2021 17:03
 Operator : CG/JU
 Sample : M4855-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LS-RO-COMPMMSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2021
 Supervised By :mohammad ahmed 12/05/2021

Quant Time: Dec 01 19:11:26 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 01 12:06:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	89680	20.000	ng	0.00
21) Naphthalene-d8	10.599	136	292252	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	158029	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	309438	20.000	ng	0.00
76) Chrysene-d12	21.316	240	391124	20.000	ng	0.00
86) Perylene-d12	23.710	264	486464	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	625209	112.249	ng	0.00
7) Phenol-d6	6.987	99	745629	99.167	ng	0.00
23) Nitrobenzene-d5	8.963	82	512483	79.740	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	227121	112.443	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	894511	82.220	ng	0.00
79) Terphenyl-d14	19.780	244	1255810	67.103	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	114081	43.902	ng	98
3) Pyridine	3.699	79	301654	43.494	ng	99
4) n-Nitrosodimethylamine	3.605	42	142287	49.186	ng	97
6) Aniline	7.128	93	273535	31.035	ng	97
8) 2-Chlorophenol	7.369	128	249546	43.767	ng	99
9) Benzaldehyde	6.940	77	162617	38.925	ng	97
10) Phenol	7.011	94	327365	42.369	ng	99
11) bis(2-Chloroethyl)ether	7.228	93	263404	42.651	ng	97
12) 1,3-Dichlorobenzene	7.687	146	294005	44.672	ng	98
13) 1,4-Dichlorobenzene	7.834	146	300333	45.010	ng	99
14) 1,2-Dichlorobenzene	8.152	146	280465	42.264	ng	97
15) Benzyl Alcohol	8.046	79	254262	42.681	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.328	45	384228	41.233	ng	99
17) 2-Methylphenol	8.258	107	205500	40.881	ng	96
18) Hexachloroethane	8.875	117	113151	45.606	ng	96
19) n-Nitroso-di-n-propyla...	8.616	70	195900	37.653	ng	98
20) 3+4-Methylphenols	8.587	107	266258	38.379	ng	97
22) Acetophenone	8.628	105	369154	46.179	ng	# 99
24) Nitrobenzene	9.005	77	297978	47.809	ng	98
25) Isophorone	9.534	82	492039	43.761	ng	98
26) 2-Nitrophenol	9.716	139	127626	47.460	ng	96
27) 2,4-Dimethylphenol	9.787	122	199684	49.652	ng	99
28) bis(2-Chloroethoxy)met...	10.016	93	301335	42.050	ng	99
29) 2,4-Dichlorophenol	10.257	162	213872	44.527	ng	97
30) 1,2,4-Trichlorobenzene	10.463	180	259061	46.468	ng	96
31) Naphthalene	10.652	128	674995	45.086	ng	99
32) Benzoic acid	9.952	122	139416	42.379	ng	98
33) 4-Chloroaniline	10.769	127	92282	14.858	ng	99
34) Hexachlorobutadiene	10.940	225	186775	48.955	ng	98
35) Caprolactam	11.569	113	60548	56.748	ng	98
36) 4-Chloro-3-methylphenol	11.904	107	219311	39.941	ng	96
37) 2-Methylnaphthalene	12.263	142	461596	43.593	ng	98
38) 1-Methylnaphthalene	12.487	142	421062	40.853	ng	99
40) 1,2,4,5-Tetrachloroben...	12.640	216	271642	52.917	ng	100
41) Hexachlorocyclopentadiene	12.616	237	248350	125.838	ng	99
43) 2,4,6-Trichlorophenol	12.887	196	166148	47.772	ng	94

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44) 2,4,5-Trichlorophenol	12.963	196	177737	47.692	ng	97
46) 1,1'-Biphenyl	13.281	154	552029	48.146	ng	98
47) 2-Chloronaphthalene	13.322	162	438798	48.461	ng	99
48) 2-Nitroaniline	13.534	65	147838	47.380	ng	95
49) Acenaphthylene	14.169	152	650448	46.564	ng	99
50) Dimethylphthalate	13.916	163	515734	43.460	ng	100
51) 2,6-Dinitrotoluene	14.034	165	113563	46.111	ng	98
52) Acenaphthene	14.516	154	384362	46.171	ng	99
53) 3-Nitroaniline	14.363	138	67572	27.073	ng	# 96
54) 2,4-Dinitrophenol	14.581	184	116880	80.267	ng	97
55) Dibenzofuran	14.851	168	614271	43.180	ng	98
56) 4-Nitrophenol	14.693	139	178888	93.509	ng	85
57) 2,4-Dinitrotoluene	14.828	165	149731	44.301	ng	99
58) Fluorene	15.504	166	476111	41.193	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.087	232	143149m	43.195	ng	
60) Diethylphthalate	15.281	149	486035	41.273	ng	99
61) 4-Chlorophenyl-phenyle...	15.498	204	258437	40.765	ng	99
62) 4-Nitroaniline	15.528	138	102006	39.386	ng	96
63) Azobenzene	15.792	77	504569	41.889	ng	98
65) 4,6-Dinitro-2-methylph...	15.598	198	78069	38.573	ng	99
66) n-Nitrosodiphenylamine	15.716	169	416388	46.454	ng	99
67) 4-Bromophenyl-phenylether	16.398	248	160508	46.647	ng	99
68) Hexachlorobenzene	16.516	284	181616	49.377	ng	97
69) Atrazine	16.681	200	162786	69.976	ng	96
70) Pentachlorophenol	16.869	266	216761	99.108	ng	97
71) Phenanthrene	17.257	178	753189	46.101	ng	100
72) Anthracene	17.345	178	773948	47.734	ng	99
73) Carbazole	17.622	167	696379	43.998	ng	99
74) Di-n-butylphthalate	18.175	149	809184	40.841	ng	99
75) Fluoranthene	19.228	202	973177	44.217	ng	99
77) Benzidine	19.416	184	490725	91.466	ng	98
78) Pyrene	19.581	202	1026126	41.449	ng	99
80) Butylbenzylphthalate	20.463	149	420192	37.727	ng	99
81) Benzo(a)anthracene	21.298	228	1164305	44.916	ng	99
82) 3,3'-Dichlorobenzidine	21.233	252	403460	33.035	ng	98
83) Chrysene	21.351	228	1140498	46.236	ng	99
84) Bis(2-ethylhexyl)phtha...	21.227	149	603594	35.694	ng	99
85) Di-n-octyl phthalate	22.151	149	1189866	41.421	ng	99
87) Indeno(1,2,3-cd)pyrene	26.221	276	1714776	48.453	ng	97
88) Benzo(b)fluoranthene	22.980	252	1363782	46.503	ng	99
89) Benzo(k)fluoranthene	23.027	252	1340313	46.683	ng	99
90) Benzo(a)pyrene	23.610	252	1368707	54.607	ng	98
91) Dibenzo(a,h)anthracene	26.233	278	1455933	49.535	ng	98
92) Benzo(g,h,i)perylene	26.986	276	1468733	49.533	ng	97

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

