

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121021\
 Data File : BP008340.D
 Acq On : 10 Dec 2021 14:38
 Operator : CG/JU
 Sample : PB141268BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB141268BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 12/11/2021
 Supervised By : Jagrut Upadhyay 12/13/2021

Quant Time: Dec 11 03:58:26 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 11 03:53:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	70027	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	257243	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	167668	20.000	ng	0.00
64) Phenanthrene-d10	17.181	188	355539	20.000	ng	0.00
76) Chrysene-d12	21.286	240	381931	20.000	ng	0.00
86) Perylene-d12	23.668	264	411672	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	559794	128.711	ng	0.00
7) Phenol-d6	6.952	99	736629	125.465	ng	0.00
23) Nitrobenzene-d5	8.922	82	476192	84.177	ng	0.00
42) 2,4,6-Tribromophenol	15.916	330	271990	126.915	ng	0.00
45) 2-Fluorobiphenyl	13.034	172	959387	83.113	ng	0.00
79) Terphenyl-d14	19.751	244	1556357	85.164	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.264	88	66420	32.734	ng	96
3) Pyridine	3.664	79	180933	33.409	ng	97
4) n-Nitrosodimethylamine	3.575	42	105463	46.688	ng	# 99
6) Aniline	7.093	93	301304	43.780	ng	96
8) 2-Chlorophenol	7.334	128	204354	45.899	ng	96
9) Benzaldehyde	6.910	77	130672	40.202	ng	95
10) Phenol	6.975	94	295556	48.987	ng	96
11) bis(2-Chloroethyl)ether	7.193	93	219657	45.549	ng	97
12) 1,3-Dichlorobenzene	7.646	146	214892	41.815	ng	98
13) 1,4-Dichlorobenzene	7.799	146	222905	42.781	ng	98
14) 1,2-Dichlorobenzene	8.110	146	200848	38.760	ng	98
15) Benzyl Alcohol	8.016	79	228787	49.183	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.287	45	323998	44.527	ng	99
17) 2-Methylphenol	8.222	107	174862	44.549	ng	96
18) Hexachloroethane	8.834	117	81362	41.996	ng	95
19) n-Nitroso-di-n-propyla...	8.575	70	175907	43.299	ng	98
20) 3+4-Methylphenols	8.552	107	238716	44.066	ng	97
22) Acetophenone	8.593	105	307805	43.745	ng	# 97
24) Nitrobenzene	8.969	77	256323	46.722	ng	99
25) Isophorone	9.499	82	447000	45.165	ng	98
26) 2-Nitrophenol	9.681	139	104900	44.318	ng	96
27) 2,4-Dimethylphenol	9.752	122	182319	51.504	ng	98
28) bis(2-Chloroethoxy)met...	9.975	93	266916	42.316	ng	100
29) 2,4-Dichlorophenol	10.228	162	194698	46.051	ng	98
30) 1,2,4-Trichlorobenzene	10.422	180	206938	42.171	ng	99
31) Naphthalene	10.604	128	560489	42.533	ng	99
32) Benzoic acid	9.951	122	118129	40.795	ng	98
33) 4-Chloroaniline	10.734	127	164467	30.084	ng	95
34) Hexachlorobutadiene	10.893	225	144696	43.087	ng	99
35) Caprolactam	11.540	113	61854m	65.862	ng	
36) 4-Chloro-3-methylphenol	11.875	107	229717	47.530	ng	95
37) 2-Methylnaphthalene	12.228	142	414894	44.515	ng	98
38) 1-Methylnaphthalene	12.445	142	384987	42.436	ng	99
40) 1,2,4,5-Tetrachloroben...	12.598	216	244284	44.852	ng	99
41) Hexachlorocyclopentadiene	12.575	237	209548	100.073	ng	100
43) 2,4,6-Trichlorophenol	12.851	196	159928	43.340	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.940	196	175411	44.362	ng	99
46) 1,1'-Biphenyl	13.245	154	523595	43.041	ng	98
47) 2-Chloronaphthalene	13.287	162	421922	43.918	ng	99
48) 2-Nitroaniline	13.504	65	169142	51.092	ng	96
49) Acenaphthylene	14.134	152	654255	44.144	ng	100
50) Dimethylphthalate	13.881	163	545833	43.353	ng	99
51) 2,6-Dinitrotoluene	14.004	165	120669	46.180	ng	94
52) Acenaphthene	14.475	154	384040	43.480	ng	99
53) 3-Nitroaniline	14.334	138	89802	33.911	ng	90
54) 2,4-Dinitrophenol	14.563	184	133674	86.522	ng	88
55) Dibenzofuran	14.816	168	633855	41.995	ng	98
56) 4-Nitrophenol	14.675	139	170557	84.029	ng	# 81
57) 2,4-Dinitrotoluene	14.804	165	169774	47.343	ng	# 85
58) Fluorene	15.469	166	516876	42.149	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.057	232	151518m	43.092	ng	
60) Diethylphthalate	15.251	149	548450	43.896	ng	99
61) 4-Chlorophenyl-phenyle...	15.463	204	276053	41.040	ng	99
62) 4-Nitroaniline	15.510	138	108523	39.494	ng	89
63) Azobenzene	15.757	77	591363	46.272	ng	96
65) 4,6-Dinitro-2-methylph...	15.575	198	94120	40.473	ng	92
66) n-Nitrosodiphenylamine	15.686	169	455280	44.207	ng	99
67) 4-Bromophenyl-phenylether	16.363	248	175097	44.289	ng	97
68) Hexachlorobenzene	16.486	284	195194	46.188	ng	96
69) Atrazine	16.651	200	184113	68.881	ng	95
70) Pentachlorophenol	16.839	266	207989	82.766	ng	96
71) Phenanthrene	17.222	178	822359	43.808	ng	99
72) Anthracene	17.316	178	844693	45.342	ng	99
73) Carbazole	17.592	167	755863	41.564	ng	99
74) Di-n-butylphthalate	18.145	149	922643	40.529	ng	99
75) Fluoranthene	19.204	202	1014646	40.124	ng	98
77) Benzidine	19.386	184	580490	110.801	ng	98
78) Pyrene	19.557	202	1049368	43.538	ng	99
80) Butylbenzylphthalate	20.433	149	430320	39.567	ng	95
81) Benzo(a)anthracene	21.274	228	1071959	42.349	ng	99
82) 3,3'-Dichlorobenzidine	21.210	252	357096	29.942	ng	98
83) Chrysene	21.321	228	1044515	43.364	ng	100
84) Bis(2-ethylhexyl)phtha...	21.198	149	631422	38.238	ng	100
85) Di-n-octyl phthalate	22.116	149	1133104	40.394	ng	99
87) Indeno(1,2,3-cd)pyrene	26.157	276	1403936	46.877	ng	97
88) Benzo(b)fluoranthene	22.945	252	1148663	46.284	ng	99
89) Benzo(k)fluoranthene	22.992	252	1115792	45.924	ng	98
90) Benzo(a)pyrene	23.563	252	1129997	53.274	ng	98
91) Dibenzo(a,h)anthracene	26.168	278	1202768	48.356	ng	98
92) Benzo(g,h,i)perylene	26.909	276	1192582	47.527	ng	97

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

