

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121021\
 Data File : BP008339.D
 Acq On : 10 Dec 2021 14:05
 Operator : CG/JU
 Sample : PB141259BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB141259BS

Manual Integrations
 APPROVED

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

Quant Time: Dec 11 03:58:02 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	7.758	152	66546	20.000	ng	0.00
21) Naphthalene-d8	10.557	136	259141	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	166969	20.000	ng	0.00
64) Phenanthrene-d10	17.181	188	348614	20.000	ng	0.00
76) Chrysene-d12	21.286	240	375978	20.000	ng	0.00
86) Perylene-d12	23.668	264	397818	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	553888	134.014	ng	0.00
7) Phenol-d6	6.952	99	719532	128.964	ng	0.00
23) Nitrobenzene-d5	8.922	82	493362	86.574	ng	0.00
42) 2,4,6-Tribromophenol	15.922	330	279339	130.890	ng	0.00
45) 2-Fluorobiphenyl	13.034	172	971467	84.512	ng	0.00
79) Terphenyl-d14	19.757	244	1600007	88.939	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.264	88	68371	35.458	ng	96
3) Pyridine	3.664	79	161715	31.423	ng	99
4) n-Nitrosodimethylamine	3.575	42	106406	49.570	ng	# 96
6) Aniline	7.093	93	222086	33.957	ng	94
8) 2-Chlorophenol	7.334	128	193725	45.788	ng	96
9) Benzaldehyde	6.911	77	40017	9.567	ng	99
10) Phenol	6.981	94	277337	48.372	ng	98
11) bis(2-Chloroethyl)ether	7.193	93	204958	44.724	ng	97
12) 1,3-Dichlorobenzene	7.646	146	207397	42.468	ng	97
13) 1,4-Dichlorobenzene	7.793	146	209895	42.392	ng	98
14) 1,2-Dichlorobenzene	8.110	146	202312	41.085	ng	97
15) Benzyl Alcohol	8.016	79	213414	48.278	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.299	45	319309	46.178	ng	99
17) 2-Methylphenol	8.222	107	175078	46.937	ng	95
18) Hexachloroethane	8.834	117	81870	44.469	ng	97
19) n-Nitroso-di-n-propyla...	8.575	70	173420	44.920	ng	99
20) 3+4-Methylphenols	8.552	107	234538	45.560	ng	98
22) Acetophenone	8.593	105	303256	42.783	ng	# 97
24) Nitrobenzene	8.969	77	257510	46.595	ng	99
25) Isophorone	9.499	82	440461	44.179	ng	98
26) 2-Nitrophenol	9.681	139	103640	43.465	ng	92
27) 2,4-Dimethylphenol	9.752	122	179888	50.445	ng	99
28) bis(2-Chloroethoxy)met...	9.975	93	261916	41.219	ng	99
29) 2,4-Dichlorophenol	10.228	162	191642	44.996	ng	98
30) 1,2,4-Trichlorobenzene	10.422	180	206093	41.691	ng	97
31) Naphthalene	10.604	128	555199	41.823	ng	99
32) Benzoic acid	9.952	122	118990	40.791	ng	91
33) 4-Chloroaniline	10.734	127	113941	20.689	ng	95
34) Hexachlorobutadiene	10.893	225	144158	42.613	ng	99
35) Caprolactam	11.540	113	60859	64.328	ng	94
36) 4-Chloro-3-methylphenol	11.881	107	221237	45.440	ng	94
37) 2-Methylnaphthalene	12.228	142	402947	42.917	ng	96
38) 1-Methylnaphthalene	12.446	142	375344	41.070	ng	100
40) 1,2,4,5-Tetrachloroben...	12.598	216	238807	44.030	ng	99
41) Hexachlorocyclopentadiene	12.575	237	201850	96.801	ng	100
43) 2,4,6-Trichlorophenol	12.851	196	156453	42.576	ng	99

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44) 2,4,5-Trichlorophenol	12.940	196	171704	43.606	ng	99
46) 1,1'-Biphenyl	13.246	154	507616	41.902	ng	98
47) 2-Chloronaphthalene	13.287	162	407490	42.594	ng	99
48) 2-Nitroaniline	13.504	65	160044	48.546	ng	94
49) Acenaphthylene	14.134	152	627434	42.512	ng	99
50) Dimethylphthalate	13.881	163	526070	41.958	ng	99
51) 2,6-Dinitrotoluene	14.004	165	115013	44.199	ng	97
52) Acenaphthene	14.481	154	370724	42.148	ng	98
53) 3-Nitroaniline	14.340	138	74380	28.205	ng	87
54) 2,4-Dinitrophenol	14.563	184	130171	84.608	ng	89
55) Dibenzofuran	14.816	168	612976	40.782	ng	97
56) 4-Nitrophenol	14.681	139	166898	82.570	ng	84
57) 2,4-Dinitrotoluene	14.804	165	162748	45.574	ng	# 89
58) Fluorene	15.469	166	491962	40.285	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.057	232	145132m	41.449	ng	
60) Diethylphthalate	15.251	149	523927	42.109	ng	99
61) 4-Chlorophenyl-phenyle...	15.463	204	264971	39.558	ng	98
62) 4-Nitroaniline	15.510	138	102911	37.608	ng	90
63) Azobenzene	15.763	77	564148	44.327	ng	97
65) 4,6-Dinitro-2-methylph...	15.575	198	90098	39.514	ng	90
66) n-Nitrosodiphenylamine	15.687	169	432892	42.868	ng	99
67) 4-Bromophenyl-phenylether	16.363	248	170952	44.099	ng	94
68) Hexachlorobenzene	16.486	284	187977	45.364	ng	98
69) Atrazine	16.651	200	173420	66.170	ng	99
70) Pentachlorophenol	16.839	266	203943	82.768	ng	97
71) Phenanthrene	17.222	178	785240	42.662	ng	99
72) Anthracene	17.316	178	810164	44.353	ng	99
73) Carbazole	17.598	167	728163	40.836	ng	99
74) Di-n-butylphthalate	18.151	149	894759	40.085	ng	99
75) Fluoranthene	19.204	202	984019	39.685	ng	99
77) Benzidine	19.386	184	351607	68.176	ng	98
78) Pyrene	19.557	202	1016218	42.786	ng	100
80) Butylbenzylphthalate	20.433	149	422104	39.426	ng	97
81) Benzo(a)anthracene	21.274	228	1039083	41.700	ng	100
82) 3,3'-Dichlorobenzidine	21.210	252	293406	24.991	ng	98
83) Chrysene	21.327	228	1014708	42.793	ng	99
84) Bis(2-ethylhexyl)phtha...	21.198	149	613728	37.755	ng	100
85) Di-n-octyl phthalate	22.116	149	1109681	40.185	ng	99
87) Indeno(1,2,3-cd)pyrene	26.157	276	1353682	46.773	ng	97
88) Benzo(b)fluoranthene	22.945	252	1112697	46.396	ng	99
89) Benzo(k)fluoranthene	22.992	252	1098696	46.795	ng	98
90) Benzo(a)pyrene	23.568	252	1102565	53.791	ng	98
91) Dibenzo(a,h)anthracene	26.168	278	1165064	48.471	ng	98
92) Benzo(g,h,i)perylene	26.921	276	1152918	47.546	ng	97

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

