

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120221\
 Data File : BP008188.D
 Acq On : 02 Dec 2021 12:14
 Operator : CG/JU
 Sample : PB141105BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB141105BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2021
 Supervised By :Sohil Jodhani 12/06/2021

Quant Time: Dec 02 15:34:57 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	7.798	152	91598	20.000	ng	-0.02
21) Naphthalene-d8	10.598	136	319052	20.000	ng	-0.01
39) Acenaphthene-d10	14.445	164	178491	20.000	ng	-0.01
64) Phenanthrene-d10	17.204	188	339759	20.000	ng	-0.01
76) Chrysene-d12	21.309	240	305256	20.000	ng	0.00
86) Perylene-d12	23.703	264	321723	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	684564	120.332	ng	-0.01
7) Phenol-d6	6.987	99	825114	107.441	ng	-0.01
23) Nitrobenzene-d5	8.963	82	577337	82.286	ng	-0.01
42) 2,4,6-Tribromophenol	15.945	330	276809	121.332	ng	-0.01
45) 2-Fluorobiphenyl	13.069	172	1091956	88.862	ng	-0.01
79) Terphenyl-d14	19.780	244	1398345	95.737	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	92830	34.976	ng	98
3) Pyridine	3.699	79	211052	29.793	ng	100
4) n-Nitrosodimethylamine	3.604	42	130216	44.071	ng	99
6) Aniline	7.128	93	253657	28.177	ng	97
8) 2-Chlorophenol	7.369	128	247369	42.476	ng	97
9) Benzaldehyde	6.940	77	88886	18.507	ng	99
10) Phenol	7.010	94	317089	40.179	ng	98
11) bis(2-Chloroethyl)ether	7.228	93	259856	41.195	ng	100
12) 1,3-Dichlorobenzene	7.687	146	289576	43.078	ng	100
13) 1,4-Dichlorobenzene	7.834	146	293888	43.122	ng	98
14) 1,2-Dichlorobenzene	8.151	146	278969	41.158	ng	99
15) Benzyl Alcohol	8.045	79	247249	40.635	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.328	45	373585	39.251	ng	97
17) 2-Methylphenol	8.257	107	202364	39.414	ng	97
18) Hexachloroethane	8.875	117	110882	43.755	ng	94
19) n-Nitroso-di-n-propyla...	8.616	70	196889	37.051	ng	98
20) 3+4-Methylphenols	8.587	107	264127	37.275	ng	96
22) Acetophenone	8.628	105	366789	42.029	ng	# 99
24) Nitrobenzene	9.004	77	299504	44.017	ng	97
25) Isophorone	9.534	82	493483	40.202	ng	98
26) 2-Nitrophenol	9.710	139	128513	43.775	ng	96
27) 2,4-Dimethylphenol	9.786	122	206824	47.107	ng	100
28) bis(2-Chloroethoxy)met...	10.010	93	299784	38.320	ng	100
29) 2,4-Dichlorophenol	10.257	162	217365	41.453	ng	99
30) 1,2,4-Trichlorobenzene	10.463	180	267251	43.911	ng	97
31) Naphthalene	10.645	128	690128	42.225	ng	100
32) Benzoic acid	9.963	122	127483	35.496	ng	98
33) 4-Chloroaniline	10.769	127	104956	15.479	ng	96
34) Hexachlorobutadiene	10.933	225	195100	46.842	ng	97
35) Caprolactam	11.569	113	59914	51.437	ng	95
36) 4-Chloro-3-methylphenol	11.910	107	229033	38.208	ng	96
37) 2-Methylnaphthalene	12.263	142	479458	41.477	ng	97
38) 1-Methylnaphthalene	12.480	142	437331	38.867	ng	98
40) 1,2,4,5-Tetrachloroben...	12.639	216	287133	49.523	ng	99
41) Hexachlorocyclopentadiene	12.616	237	287537	128.992	ng	98
43) 2,4,6-Trichlorophenol	12.880	196	174860	44.513	ng	99

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44) 2,4,5-Trichlorophenol	12.963	196	180981	42.995	ng	96
46) 1,1'-Biphenyl	13.275	154	573805	44.308	ng	98
47) 2-Chloronaphthalene	13.316	162	467096	45.672	ng	99
48) 2-Nitroaniline	13.527	65	152986	43.409	ng	98
49) Acenaphthylene	14.169	152	681889	43.219	ng	99
50) Dimethylphthalate	13.910	163	541788	40.422	ng	99
51) 2,6-Dinitrotoluene	14.027	165	118373	42.554	ng	99
52) Acenaphthene	14.510	154	397426	42.267	ng	99
53) 3-Nitroaniline	14.357	138	61531	21.827	ng	91
54) 2,4-Dinitrophenol	14.580	184	141699	86.155	ng	94
55) Dibenzofuran	14.845	168	655977	40.825	ng	99
56) 4-Nitrophenol	14.692	139	161709	74.839	ng	89
57) 2,4-Dinitrotoluene	14.827	165	161372	42.272	ng	98
58) Fluorene	15.498	166	507421	38.869	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.080	232	150226m	40.134	ng	
60) Diethylphthalate	15.274	149	525754	39.528	ng	100
61) 4-Chlorophenyl-phenyle...	15.492	204	275540	38.480	ng	99
62) 4-Nitroaniline	15.527	138	105350	36.014	ng	92
63) Azobenzene	15.786	77	540713	39.743	ng	98
65) 4,6-Dinitro-2-methylph...	15.598	198	92173	41.477	ng	98
66) n-Nitrosodiphenylamine	15.710	169	441386	44.848	ng	100
67) 4-Bromophenyl-phenylether	16.392	248	172604	45.686	ng	98
68) Hexachlorobenzene	16.516	284	196131	48.565	ng	95
69) Atrazine	16.674	200	167455	65.559	ng	97
70) Pentachlorophenol	16.863	266	207953	86.595	ng	99
71) Phenanthrene	17.251	178	774479	43.174	ng	100
72) Anthracene	17.339	178	797333	44.788	ng	99
73) Carbazole	17.615	167	678437	39.039	ng	98
74) Di-n-butylphthalate	18.174	149	831662	38.229	ng	100
75) Fluoranthene	19.227	202	899803	37.235	ng	98
77) Benzidine	19.409	184	261200	62.380	ng	98
78) Pyrene	19.580	202	920623	48.059	ng	99
80) Butylbenzylphthalate	20.456	149	361612	41.601	ng	98
81) Benzo(a)anthracene	21.292	228	868986	42.953	ng	99
82) 3,3'-Dichlorobenzidine	21.227	252	252907	26.533	ng	100
83) Chrysene	21.345	228	851510	44.231	ng	99
84) Bis(2-ethylhexyl)phtha...	21.221	149	503137	38.123	ng	99
85) Di-n-octyl phthalate	22.145	149	891314	39.756	ng	100
87) Indeno(1,2,3-cd)pyrene	26.209	276	1075197	45.937	ng	97
88) Benzo(b)fluoranthene	22.974	252	886856	45.726	ng	99
89) Benzo(k)fluoranthene	23.021	252	869988	45.818	ng	99
90) Benzo(a)pyrene	23.598	252	871439	52.571	ng	98
91) Dibenzo(a,h)anthracene	26.221	278	919194	47.287	ng	98
92) Benzo(g,h,i)perylene	26.974	276	908639	46.335	ng	96

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

