

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091721\
 Data File : BP007027.D
 Acq On : 17 Sep 2021 15:36
 Operator : CG/JU
 Sample : PB139165BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB139165BSD

Manual Integrations
 APPROVED

mohammad
 9/20/2021 4:21:31 PM

Quant Time: Sep 17 16:09:11 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 17 10:50:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	362254	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	1472426	20.000	ng	# 0.00
39) Acenaphthene-d10	14.540	164	934144	20.000	ng	0.00
64) Phenanthrene-d10	17.287	188	1903773	20.000	ng	# 0.00
76) Chrysene-d12	21.363	240	1876933	20.000	ng	# 0.00
86) Perylene-d12	23.780	264	1848204	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	2803079	126.354	ng	0.00
7) Phenol-d6	7.075	99	3487576	115.179	ng	0.00
23) Nitrobenzene-d5	9.069	82	1956093	74.614	ng	0.00
42) 2,4,6-Tribromophenol	16.028	330	1362845	121.313	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	4811606	71.107	ng	0.00
79) Terphenyl-d14	19.839	244	7349255	75.125	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.370	88	305800	31.480	ng	# 87
3) Pyridine	3.775	79	769928	30.826	ng	# 85
4) n-Nitrosodimethylamine	3.681	42	376169	40.998	ng	# 84
6) Aniline	7.234	93	1355213	41.537	ng	98
8) 2-Chlorophenol	7.469	128	1031294	41.476	ng	97
9) Benzaldehyde	7.046	77	601426m	43.404	ng	
10) Phenol	7.099	94	1293053	42.362	ng	91
11) bis(2-Chloroethyl)ether	7.334	93	944563	40.146	ng	95
12) 1,3-Dichlorobenzene	7.799	146	1080312	38.778	ng	96
13) 1,4-Dichlorobenzene	7.946	146	1101703	39.004	ng	98
14) 1,2-Dichlorobenzene	8.258	146	1064980	39.374	ng	99
15) Benzyl Alcohol	8.146	79	829700	42.484	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.446	45	1123493	40.846	ng	89
17) 2-Methylphenol	8.352	107	851696	43.439	ng	93
18) Hexachloroethane	8.987	117	372960	39.757	ng	100
19) n-Nitroso-di-n-propyla...	8.722	70	657905	39.576	ng	99
20) 3+4-Methylphenols	8.681	107	1153293	43.457	ng	95
22) Acetophenone	8.734	105	1448495	39.005	ng	# 99
24) Nitrobenzene	9.111	77	1022561	37.388	ng	97
25) Isophorone	9.640	82	1805375	37.254	ng	99
26) 2-Nitrophenol	9.822	139	499659	42.137	ng	# 89
27) 2,4-Dimethylphenol	9.881	122	941447	45.118	ng	98
28) bis(2-Chloroethoxy)met...	10.122	93	1224865	41.657	ng	99
29) 2,4-Dichlorophenol	10.352	162	974419	40.876	ng	99
30) 1,2,4-Trichlorobenzene	10.575	180	1011303	37.307	ng	99
31) Naphthalene	10.757	128	3010304	36.897	ng	99
32) Benzoic acid	10.022	122	626088	41.281	ng	96
33) 4-Chloroaniline	10.869	127	952856	30.080	ng	99
34) Hexachlorobutadiene	11.046	225	590671	37.001	ng	98
35) Caprolactam	11.663	113	298592m	45.520	ng	
36) 4-Chloro-3-methylphenol	11.987	107	995983	41.416	ng	99
37) 2-Methylnaphthalene	12.363	142	2195462	37.957	ng	95
38) 1-Methylnaphthalene	12.587	142	2033956	37.241	ng	# 100
40) 1,2,4,5-Tetrachloroben...	12.734	216	1132511	38.096	ng	98
41) Hexachlorocyclopentadiene	12.716	237	1392224	94.279	ng	99
43) 2,4,6-Trichlorophenol	12.969	196	772647	40.206	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.040	196	850929	40.188	ng	97
46) 1,1'-Biphenyl	13.375	154	2680226	36.783	ng	99
47) 2-Chloronaphthalene	13.416	162	2138380	37.246	ng	97
48) 2-Nitroaniline	13.616	65	574662	43.683	ng	95
49) Acenaphthylene	14.257	152	3381337	38.866	ng	100
50) Dimethylphthalate	13.998	163	2677516	39.270	ng	100
51) 2,6-Dinitrotoluene	14.116	165	591120	39.838	ng	90
52) Acenaphthene	14.598	154	2031030	36.884	ng	100
53) 3-Nitroaniline	14.440	138	491919	33.165	ng	99
54) 2,4-Dinitrophenol	14.646	184	675325	85.831	ng	91
55) Dibenzofuran	14.934	168	3248376	36.420	ng	96
56) 4-Nitrophenol	14.746	139	1118692	88.868	ng	# 82
57) 2,4-Dinitrotoluene	14.898	165	811845	42.748	ng	95
58) Fluorene	15.581	166	2631448	37.801	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.157	232	722280m	39.660	ng	
60) Diethylphthalate	15.357	149	2624568	40.025	ng	98
61) 4-Chlorophenyl-phenyle...	15.575	204	1334010	38.206	ng	94
62) 4-Nitroaniline	15.604	138	632561	42.425	ng	# 81
63) Azobenzene	15.869	77	2353212	38.751	ng	96
65) 4,6-Dinitro-2-methylph...	15.657	198	424406	36.761	ng	95
66) n-Nitrosodiphenylamine	15.793	169	2326154	38.393	ng	99
67) 4-Bromophenyl-phenylether	16.475	248	817335	38.838	ng	95
68) Hexachlorobenzene	16.587	284	914739	38.665	ng	99
69) Atrazine	16.751	200	837737	46.500	ng	97
70) Pentachlorophenol	16.934	266	1246950	87.765	ng	100
71) Phenanthrene	17.328	178	4181546	37.862	ng	99
72) Anthracene	17.416	178	4204303	39.787	ng	99
73) Carbazole	17.687	167	3922571	38.052	ng	99
74) Di-n-butylphthalate	18.239	149	4430704	42.026	ng	98
75) Fluoranthene	19.286	202	4870446	38.287	ng	96
77) Benzidine	19.469	184	2982675	Below Cal		99
78) Pyrene	19.639	202	5043645	38.778	ng	98
80) Butylbenzylphthalate	20.516	149	1981503	43.517	ng	95
81) Benzo(a)anthracene	21.351	228	4851856	38.042	ng	99
82) 3,3'-Dichlorobenzidine	21.280	252	1670598	46.065	ng	# 98
83) Chrysene	21.404	228	4727590	37.775	ng	97
84) Bis(2-ethylhexyl)phtha...	21.275	149	2932479	43.813	ng	98
85) Di-n-octyl phthalate	22.198	149	4977078	45.496	ng	99
87) Indeno(1,2,3-cd)pyrene	26.310	276	5693772	40.594	ng	# 94
88) Benzo(b)fluoranthene	23.039	252	4956094	39.480	ng	# 97
89) Benzo(k)fluoranthene	23.092	252	4980960	40.766	ng	# 98
90) Benzo(a)pyrene	23.674	252	4805382	42.686	ng	# 98
91) Dibenzo(a,h)anthracene	26.327	278	4904170	40.418	ng	# 95
92) Benzo(g,h,i)perylene	27.086	276	4778600	40.822	ng	# 93

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

