

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061521\
 Data File : BP005924.D
 Acq On : 15 Jun 2021 11:27
 Operator : CG/JU
 Sample : PB137074BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB137074BS

Manual Integrations
 APPROVED

mohammad
 6/16/2021 3:54:10 PM

Quant Time: Jun 15 12:19:35 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 14 13:15:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	75970	20.000	ng	0.00
21) Naphthalene-d8	10.740	136	290703	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	169440	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	345334	20.000	ng	0.00
76) Chrysene-d12	21.380	240	401335	20.000	ng	0.00
86) Perylene-d12	23.798	264	462403	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	640101	135.201	ng	-0.01
7) Phenol-d6	7.110	99	746802	121.698	ng	0.00
23) Nitrobenzene-d5	9.098	82	473099	79.788	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	371993	127.933	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	1079594	83.667	ng	0.00
79) Terphenyl-d14	19.857	244	1670871	77.957	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.364	88	67561	31.586	ng	100
3) Pyridine	3.775	79	174038	34.620	ng	99
4) n-Nitrosodimethylamine	3.687	42	87241	37.334	ng	86
6) Aniline	7.257	93	257213	37.544	ng	97
8) 2-Chlorophenol	7.499	128	236305	43.532	ng	99
9) Benzaldehyde	7.069	77	121441	46.422	ng	97
10) Phenol	7.134	94	270775	44.171	ng	99
11) bis(2-Chloroethyl)ether	7.357	93	199776	43.006	ng	98
12) 1,3-Dichlorobenzene	7.822	146	252390	41.581	ng	98
13) 1,4-Dichlorobenzene	7.969	146	254888	41.177	ng	99
14) 1,2-Dichlorobenzene	8.287	146	243321	41.123	ng	98
15) Benzyl Alcohol	8.181	79	196454	42.503	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.463	45	170155	39.625	ng	96
17) 2-Methylphenol	8.387	107	182638	43.727	ng	98
18) Hexachloroethane	9.016	117	92165	41.162	ng	95
19) n-Nitroso-di-n-propyla...	8.746	70	150953	39.986	ng	96
20) 3+4-Methylphenols	8.716	107	245489	43.511	ng	98
22) Acetophenone	8.763	105	322195	42.108	ng	# 99
24) Nitrobenzene	9.140	77	235176	38.195	ng	99
25) Isophorone	9.669	82	397291	36.282	ng	99
26) 2-Nitrophenol	9.851	139	120223	40.923	ng	96
27) 2,4-Dimethylphenol	9.916	122	204645	46.758	ng	97
28) bis(2-Chloroethoxy)met...	10.151	93	247729	43.348	ng	99
29) 2,4-Dichlorophenol	10.393	162	215355	40.944	ng	99
30) 1,2,4-Trichlorobenzene	10.604	180	231004	39.087	ng	97
31) Naphthalene	10.787	128	662595	39.393	ng	100
32) Benzoic acid	10.087	122	130224	40.803	ng	97
33) 4-Chloroaniline	10.904	127	148957	21.922	ng	99
34) Hexachlorobutadiene	11.075	225	154375	38.619	ng	99
35) Caprolactam	11.704	113	62834m	41.474	ng	
36) 4-Chloro-3-methylphenol	12.034	107	223100	41.774	ng	96
37) 2-Methylnaphthalene	12.398	142	472390	39.446	ng	99
38) 1-Methylnaphthalene	12.616	142	434438	38.513	ng	99
40) 1,2,4,5-Tetrachloroben...	12.763	216	256606	43.025	ng	99
41) Hexachlorocyclopentadiene	12.739	237	287755	94.923	ng	99
43) 2,4,6-Trichlorophenol	13.004	196	169931	41.539	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.081	196	184921	41.974	ng	99
46) 1,1'-Biphenyl	13.404	154	590376	43.214	ng	99
47) 2-Chloronaphthalene	13.445	162	458092	41.063	ng	98
48) 2-Nitroaniline	13.651	65	124544	42.460	ng	98
49) Acenaphthylene	14.286	152	716809	41.882	ng	99
50) Dimethylphthalate	14.028	163	575486	41.308	ng	100
51) 2,6-Dinitrotoluene	14.145	165	128642	40.626	ng	99
52) Acenaphthene	14.628	154	421450	40.549	ng	99
53) 3-Nitroaniline	14.475	138	88064	28.695	ng	99
54) 2,4-Dinitrophenol	14.686	184	124801	67.101	ng	99
55) Dibenzofuran	14.963	168	672150	39.324	ng	98
56) 4-Nitrophenol	14.792	139	210073	84.449	ng	97
57) 2,4-Dinitrotoluene	14.928	165	176940	41.779	ng	98
58) Fluorene	15.610	166	539472	40.508	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.192	232	159224m	41.007	ng	
60) Diethylphthalate	15.386	149	584179	41.794	ng	99
61) 4-Chlorophenyl-phenyle...	15.604	204	278670	40.353	ng	99
62) 4-Nitroaniline	15.639	138	128785	40.770	ng	96
63) Azobenzene	15.898	77	495817	39.209	ng	96
65) 4,6-Dinitro-2-methylph...	15.698	198	86368	34.033	ng	97
66) n-Nitrosodiphenylamine	15.822	169	473416	41.340	ng	98
67) 4-Bromophenyl-phenylether	16.498	248	179175	40.424	ng	96
68) Hexachlorobenzene	16.616	284	218662	41.157	ng	98
69) Atrazine	16.775	200	181090	50.827	ng	99
70) Pentachlorophenol	16.963	266	260717	88.255	ng	99
71) Phenanthrene	17.351	178	845858	40.786	ng	100
72) Anthracene	17.445	178	867242	42.489	ng	99
73) Carbazole	17.716	167	783989	40.007	ng	100
74) Di-n-butylphthalate	18.257	149	979040	43.121	ng	100
75) Fluoranthene	19.310	202	1014414	40.277	ng	98
77) Benzidine	19.492	184	507386	60.758	ng	100
78) Pyrene	19.663	202	1060681	37.857	ng	99
80) Butylbenzylphthalate	20.527	149	464356	40.285	ng	99
81) Benzo(a)anthracene	21.368	228	1118829	38.620	ng	99
82) 3,3'-Dichlorobenzidine	21.298	252	328782	32.826	ng	99
83) Chrysene	21.421	228	1102424	39.288	ng	99
84) Bis(2-ethylhexyl)phtha...	21.286	149	704838	41.693	ng	99
85) Di-n-octyl phthalate	22.210	149	1272254	42.069	ng	99
87) Indeno(1,2,3-cd)pyrene	26.345	276	1724757	43.618	ng	99
88) Benzo(b)fluoranthene	23.057	252	1299881	41.044	ng	99
89) Benzo(k)fluoranthene	23.104	252	1282513	41.761	ng	100
90) Benzo(a)pyrene	23.692	252	1286403	43.204	ng	98
91) Dibenzo(a,h)anthracene	26.356	278	1476658	43.388	ng	99
92) Benzo(g,h,i)perylene	27.127	276	1467811	43.658	ng	99

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

