

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110321\
 Data File : BP007818.D
 Acq On : 03 Nov 2021 12:07
 Operator : CG/JU
 Sample : PB140433BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB140433BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/03/2021
 Supervised By :mohammad ahmed 11/08/2021

Quant Time: Nov 03 13:40:02 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 02 19:18:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	192596	20.00	ng	0.00	
21) Naphthalene-d8	10.728	136	889686	20.00	ng	0.00	
39) Acenaphthene-d10	14.563	164	639834	20.00	ng	0.00	
64) Phenanthrene-d10	17.316	188	1396106	20.00	ng	0.00	
76) Chrysene-d12	21.410	240	1483123	20.00	ng	0.00	
86) Perylene-d12	23.845	264	1623260	20.00	ng	0.00	
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	1556943	137.10	ng	0.00	
7) Phenol-d6	7.099	99	2082471	126.69	ng	0.00	
23) Nitrobenzene-d5	9.087	82	1304376	78.76	ng	0.00	
42) 2,4,6-Tribromophenol	16.057	330	1096583	120.09	ng	0.00	
45) 2-Fluorobiphenyl	13.187	172	3310298	75.34	ng	0.00	
79) Terphenyl-d14	19.880	244	5967350	81.93	ng	0.00	
Target Compounds							
2) 1,4-Dioxane	3.387	88	124813	30.94	ng		Qvalue 99
3) Pyridine	3.787	79	362685m	28.78	ng		
4) n-Nitrosodimethylamine	3.699	42	220451	40.91	ng	#	93
6) Aniline	7.252	93	871092	47.05	ng		100
8) 2-Chlorophenol	7.487	128	602389	48.13	ng		98
9) Benzaldehyde	7.058	77	367175	41.08	ng		98
10) Phenol	7.122	94	772787	49.23	ng		97
11) bis(2-Chloroethyl)ether	7.346	93	552374	44.09	ng		98
12) 1,3-Dichlorobenzene	7.811	146	597835	42.95	ng		99
13) 1,4-Dichlorobenzene	7.958	146	613938	43.17	ng		99
14) 1,2-Dichlorobenzene	8.275	146	603344	43.90	ng		99
15) Benzyl Alcohol	8.163	79	587769	47.23	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.463	45	670617	45.66	ng		97
17) 2-Methylphenol	8.369	107	538893	49.65	ng		99
18) Hexachloroethane	9.005	117	224074	45.56	ng		94
19) n-Nitroso-di-n-propyla...	8.740	70	451237	44.86	ng		96
20) 3+4-Methylphenols	8.699	107	750599	49.16	ng		98
22) Acetophenone	8.746	105	919061	41.00	ng		98
24) Nitrobenzene	9.128	77	674307	42.78	ng		97
25) Isophorone	9.658	82	1297226	43.10	ng		99
26) 2-Nitrophenol	9.840	139	346536	43.42	ng		97
27) 2,4-Dimethylphenol	9.905	122	619489	50.50	ng		97
28) bis(2-Chloroethoxy)met...	10.140	93	805189	40.54	ng		99
29) 2,4-Dichlorophenol	10.375	162	667283	45.25	ng		98
30) 1,2,4-Trichlorobenzene	10.593	180	656143	40.00	ng		98
31) Naphthalene	10.775	128	1842081	40.93	ng		99
32) Benzoic acid	10.063	122	472399	44.68	ng		99
33) 4-Chloroaniline	10.887	127	816279	41.18	ng		98
34) Hexachlorobutadiene	11.069	225	424478	39.42	ng		98
35) Caprolactam	11.687	113	239044m	46.44	ng		
36) 4-Chloro-3-methylphenol	12.016	107	755903	45.37	ng		99
37) 2-Methylnaphthalene	12.387	142	1441481	43.42	ng		98
38) 1-Methylnaphthalene	12.604	142	1338922	41.16	ng		100
40) 1,2,4,5-Tetrachloroben...	12.757	216	799157	39.84	ng		100
41) Hexachlorocyclopentadiene	12.746	237	1059309	98.61	ng		99
43) 2,4,6-Trichlorophenol	12.999	196	587886	41.96	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110321\
 Data File : BP007818.D
 Acq On : 03 Nov 2021 12:07
 Operator : CG/JU
 Sample : PB140433BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
ClientSampleId :
 PB140433BS

Manual Integrations
APPROVED
 Reviewed By :Jagrut Upadhyay 11/03/2021
 Supervised By :mohammad ahmed 11/08/2021

Quant Time: Nov 03 13:40:02 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 02 19:18:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	652796	43.01	ng	98
46) 1,1'-Biphenyl	13.398	154	1825133	39.51	ng	99
47) 2-Chloronaphthalene	13.440	162	1448407	40.35	ng	99
48) 2-Nitroaniline	13.640	65	467869	45.29	ng	99
49) Acenaphthylene	14.281	152	2409304	42.73	ng	99
50) Dimethylphthalate	14.028	163	2084237	42.20	ng	99
51) 2,6-Dinitrotoluene	14.140	165	457139	44.76	ng	96
52) Acenaphthene	14.628	154	1416551	41.60	ng	99
53) 3-Nitroaniline	14.469	138	448109	41.13	ng	# 95
54) 2,4-Dinitrophenol	14.675	184	593924	94.60	ng	91
55) Dibenzofuran	14.963	168	2357904	40.94	ng	99
56) 4-Nitrophenol	14.787	139	828611	89.54	ng	93
57) 2,4-Dinitrotoluene	14.928	165	663746	47.21	ng	90
58) Fluorene	15.616	166	1806166	41.34	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.193	232	594193m	43.49	ng	
60) Diethylphthalate	15.392	149	2024595	42.23	ng	100
61) 4-Chlorophenyl-phenyle...	15.610	204	946297	39.65	ng	97
62) 4-Nitroaniline	15.634	138	474832	42.91	ng	93
63) Azobenzene	15.904	77	1700416	42.02	ng	98
65) 4,6-Dinitro-2-methylph...	15.692	198	367767	40.23	ng	93
66) n-Nitrosodiphenylamine	15.822	169	1658461	41.73	ng	99
67) 4-Bromophenyl-phenylether	16.504	248	632436	40.92	ng	99
68) Hexachlorobenzene	16.622	284	721545	41.84	ng	98
69) Atrazine	16.787	200	697536	45.83	ng	99
70) Pentachlorophenol	16.969	266	995282	89.73	ng	97
71) Phenanthrene	17.363	178	3099074	42.23	ng	99
72) Anthracene	17.451	178	3135968	43.42	ng	100
73) Carbazole	17.722	167	2890878	40.27	ng	100
74) Di-n-butylphthalate	18.281	149	3557436	43.51	ng	100
75) Fluoranthene	19.328	202	3893039	42.05	ng	98
77) Benzidine	19.510	184	3492296	93.43	ng	99
78) Pyrene	19.680	202	3987071	43.83	ng	99
80) Butylbenzylphthalate	20.557	149	1715601	44.87	ng	96
81) Benzo(a)anthracene	21.392	228	4081289	41.77	ng	99
82) 3,3'-Dichlorobenzidine	21.327	252	1544725	47.08	ng	98
83) Chrysene	21.451	228	3984245	43.07	ng	99
84) Bis(2-ethylhexyl)phtha...	21.322	149	2482549	45.28	ng	99
85) Di-n-octyl phthalate	22.263	149	4583539	46.47	ng	97
87) Indeno(1,2,3-cd)pyrene	26.404	276	5162708	42.67	ng	96
88) Benzo(b)fluoranthene	23.110	252	4725853	49.39	ng	99
89) Benzo(k)fluoranthene	23.157	252	4231653	44.56	ng	98
90) Benzo(a)pyrene	23.745	252	4435958	53.54	ng	97
91) Dibenzo(a,h)anthracene	26.421	278	4361045	43.49	ng	98
92) Benzo(g,h,i)perylene	27.192	276	4295467	43.18	ng	97

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

