

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021122\
 Data File : BP009113.D
 Acq On : 11 Feb 2022 14:56
 Operator : CG/JU
 Sample : PB142544BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB142544BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

Quant Time: Feb 11 23:29:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 07 15:13:17 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							02/14/2022
1) 1,4-Dichlorobenzene-d4	7.793	152	276027	20.000	ng	-0.01	Supervised By :mohammad Ahmed
21) Naphthalene-d8	10.593	136	1082589	20.000	ng	-0.01	
39) Acenaphthene-d10	14.440	164	687410	20.000	ng	0.00	
64) Phenanthrene-d10	17.198	188	1226849	20.000	ng	# 0.00	
76) Chrysene-d12	21.292	240	838214	20.000	ng	0.00	
86) Perylene-d12	23.686	264	794662	20.000	ng	0.00	02/15/2022
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	1795464	116.031	ng	0.00	
7) Phenol-d6	6.993	99	2243603	110.036	ng	0.00	
23) Nitrobenzene-d5	8.957	82	1421853	74.067	ng	-0.01	
42) 2,4,6-Tribromophenol	15.939	330	1032260	112.469	ng	0.00	
45) 2-Fluorobiphenyl	13.057	172	3740785	76.180	ng	-0.01	
79) Terphenyl-d14	19.757	244	3966450	85.097	ng	-0.01	
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	161254	31.642	ng		99
3) Pyridine	3.699	79	374092	25.128	ng		95
4) n-Nitrosodimethylamine	3.605	42	222569	39.025	ng		84
6) Aniline	7.128	93	899209	38.854	ng		99
8) 2-Chlorophenol	7.369	128	755282	43.249	ng		99
9) Benzaldehyde	6.940	77	363817m	35.226	ng		
10) Phenol	7.016	94	899108	43.858	ng		95
11) bis(2-Chloroethyl)ether	7.222	93	672150	42.226	ng		97
12) 1,3-Dichlorobenzene	7.681	146	792826	39.254	ng		98
13) 1,4-Dichlorobenzene	7.828	146	824862	40.007	ng		99
14) 1,2-Dichlorobenzene	8.146	146	795148	39.795	ng		99
15) Benzyl Alcohol	8.046	79	580482m	44.723	ng		
16) 2,2'-oxybis(1-Chloropr...	8.328	45	739294	41.206	ng		98
17) 2-Methylphenol	8.263	107	595158	43.305	ng		96
18) Hexachloroethane	8.869	117	279422	40.911	ng		93
19) n-Nitroso-di-n-propyla...	8.610	70	484136	41.470	ng		97
20) 3+4-Methylphenols	8.593	107	801970	42.636	ng		97
22) Acetophenone	8.622	105	1024548	40.484	ng	#	97
24) Nitrobenzene	8.999	77	730652	40.262	ng		96
25) Isophorone	9.534	82	1316632	41.280	ng		99
26) 2-Nitrophenol	9.710	139	408686	43.543	ng		93
27) 2,4-Dimethylphenol	9.787	122	672644	47.929	ng		98
28) bis(2-Chloroethoxy)met...	10.010	93	858867	39.671	ng		99
29) 2,4-Dichlorophenol	10.263	162	759468	43.306	ng		99
30) 1,2,4-Trichlorobenzene	10.457	180	826686	40.092	ng		99
31) Naphthalene	10.640	128	2204785	39.930	ng		100
32) Benzoic acid	9.999	122	448623	40.285	ng		97
33) 4-Chloroaniline	10.769	127	496736	22.280	ng		98
34) Hexachlorobutadiene	10.928	225	522726	41.210	ng		99
35) Caprolactam	11.575	113	198227	38.548	ng		95
36) 4-Chloro-3-methylphenol	11.916	107	682040	40.771	ng		100
37) 2-Methylnaphthalene	12.257	142	1653528	42.319	ng		99
38) 1-Methylnaphthalene	12.475	142	1512499	39.615	ng		99
40) 1,2,4,5-Tetrachloroben...	12.634	216	966500	44.172	ng		100
41) Hexachlorocyclopentadiene	12.604	237	728072	87.991	ng		99
43) 2,4,6-Trichlorophenol	12.881	196	623728	42.987	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	12.969	196	650103	41.781	ng	99	02/14/2022
46) 1,1'-Biphenyl	13.269	154	2117179	41.920	ng	99	Supervised By :mohammad
47) 2-Chloronaphthalene	13.316	162	1645870	41.011	ng	99	ahmed
48) 2-Nitroaniline	13.528	65	380606	40.929	ng	99	
49) Acenaphthylene	14.157	152	2506021	41.418	ng	100	
50) Dimethylphthalate	13.904	163	1972856	40.263	ng	99	
51) 2,6-Dinitrotoluene	14.028	165	433002	42.371	ng	97	02/15/2022
52) Acenaphthene	14.504	154	1485997	40.365	ng	97	
53) 3-Nitroaniline	14.363	138	275679	26.374	ng	99	
54) 2,4-Dinitrophenol	14.587	184	424128	65.996	ng	99	
55) Dibenzofuran	14.840	168	2429659	39.174	ng	100	
56) 4-Nitrophenol	14.704	139	515891	61.739	ng	94	
57) 2,4-Dinitrotoluene	14.822	165	564405	42.290	ng	# 88	
58) Fluorene	15.492	166	1860753	39.050	ng	98	
59) 2,3,4,6-Tetrachlorophenol	15.081	232	531027m	38.998	ng		
60) Diethylphthalate	15.269	149	1812790	39.126	ng	100	
61) 4-Chlorophenyl-phenyle...	15.481	204	1029364	39.759	ng	96	
62) 4-Nitroaniline	15.528	138	366353m	34.858	ng		
63) Azobenzene	15.781	77	1542925	38.489	ng	97	
65) 4,6-Dinitro-2-methylph...	15.598	198	277582	36.868	ng	98	
66) n-Nitrosodiphenylamine	15.704	169	1642053	44.133	ng	98	
67) 4-Bromophenyl-phenylether	16.381	248	632958	44.521	ng	99	
68) Hexachlorobenzene	16.504	284	715810	44.948	ng	96	
69) Atrazine	16.663	200	552917	44.816	ng	98	
70) Pentachlorophenol	16.857	266	678113	80.868	ng	98	
71) Phenanthrene	17.239	178	2712681	40.835	ng	98	
72) Anthracene	17.328	178	2765295	42.547	ng	100	
73) Carbazole	17.610	167	2240320	35.961	ng	100	
74) Di-n-butylphthalate	18.157	149	2664093	42.205	ng	98	
75) Fluoranthene	19.210	202	2717930	36.505	ng	97	
77) Benzidine	19.398	184	998602	57.013	ng	98	
78) Pyrene	19.563	202	2746948	46.069	ng	97	
80) Butylbenzylphthalate	20.439	149	920265	44.884	ng	94	
81) Benzo(a)anthracene	21.280	228	2184528	40.442	ng	97	
82) 3,3'-Dichlorobenzidine	21.210	252	688603	36.767	ng	97	
83) Chrysene	21.327	228	2150556	41.299	ng	98	
84) Bis(2-ethylhexyl)phtha...	21.198	149	1279354	47.172	ng	98	
85) Di-n-octyl phthalate	22.116	149	2084618	48.051	ng	100	
87) Indeno(1,2,3-cd)pyrene	26.180	276	2808066	47.558	ng	97	
88) Benzo(b)fluoranthene	22.957	252	2218281	45.345	ng	97	
89) Benzo(k)fluoranthene	23.004	252	2014192	41.268	ng	98	
90) Benzo(a)pyrene	23.580	252	2104013	51.586	ng	98	
91) Dibenzo(a,h)anthracene	26.198	278	2369263	48.828	ng	98	
92) Benzo(g,h,i)perylene	26.945	276	2385907	49.385	ng	98	

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

