

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
 Data File : BF128589.D
 Acq On : 31 May 2022 12:03
 Operator : CG\JU
 Sample : PB145184BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145184BS

Manual Integrations
 APPROVED

Reviewed By : Christian
 Giraldo

Quant Time: Jun 01 00:56:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 27 01:51:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							06/01/2022
1) 1,4-Dichlorobenzene-d4	6.839	152	157375	20.000	ng	0.00	Supervised By : Jagrut padhyay
21) Naphthalene-d8	8.128	136	602935	20.000	ng	0.00	
39) Acenaphthene-d10	9.886	164	333902	20.000	ng	0.00	
64) Phenanthrene-d10	11.374	188	613932	20.000	ng	# 0.00	
76) Chrysene-d12	14.015	240	404554	20.000	ng	0.00	
86) Perylene-d12	15.480	264	312801	20.000	ng	0.01	06/01/2022
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	720002	75.782	ng	0.02	
7) Phenol-d6	6.475	99	893740	73.777	ng	0.00	
23) Nitrobenzene-d5	7.410	82	910068	87.074	ng	0.00	
42) 2,4,6-Tribromophenol	10.674	330	293242	92.267	ng	0.00	
45) 2-Fluorobiphenyl	9.204	172	1698772	82.656	ng	0.00	
79) Terphenyl-d14	12.963	244	1898018	90.640	ng	0.00	
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	113463	26.782	ng		97
3) Pyridine	3.463	79	306735	27.966	ng		92
4) n-Nitrosodimethylamine	3.428	42	233734	40.666	ng	#	80
6) Aniline	6.504	93	402564	28.478	ng		94
8) 2-Chlorophenol	6.628	128	405532	41.164	ng		99
9) Benzaldehyde	6.392	77	227559	43.802	ng		93
10) Phenol	6.492	94	483332m	40.264	ng		
11) bis(2-Chloroethyl)ether	6.581	93	374626	38.123	ng		99
12) 1,3-Dichlorobenzene	6.781	146	437919	39.124	ng		97
13) 1,4-Dichlorobenzene	6.857	146	443060	39.135	ng		98
14) 1,2-Dichlorobenzene	7.010	146	423733	40.665	ng		97
15) Benzyl Alcohol	6.986	79	381449	41.285	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.116	45	622371	35.786	ng		97
17) 2-Methylphenol	7.098	107	324285	38.675	ng		95
18) Hexachloroethane	7.351	117	169964	42.560	ng		91
19) n-Nitroso-di-n-propyla...	7.263	70	294778	39.687	ng		99
20) 3+4-Methylphenols	7.251	107	393506	38.847	ng	#	80
22) Acetophenone	7.251	105	560674	40.329	ng	#	83
24) Nitrobenzene	7.428	77	451022	43.650	ng		97
25) Isophorone	7.669	82	822638	42.667	ng		98
26) 2-Nitrophenol	7.739	139	208202	48.211	ng	#	86
27) 2,4-Dimethylphenol	7.781	122	373748m	43.540	ng		
28) bis(2-Chloroethoxy)met...	7.875	93	471054	37.645	ng		99
29) 2,4-Dichlorophenol	7.986	162	354519	39.908	ng		98
30) 1,2,4-Trichlorobenzene	8.069	180	381201	39.616	ng		99
31) Naphthalene	8.151	128	1163067	39.413	ng		99
32) Benzoic acid	7.916	122	235607	38.828	ng		93
33) 4-Chloroaniline	8.192	127	234705	19.975	ng		97
34) Hexachlorobutadiene	8.263	225	256981	42.298	ng		99
35) Caprolactam	8.586	113	106355m	38.825	ng		
36) 4-Chloro-3-methylphenol	8.680	107	391880	42.941	ng		95
37) 2-Methylnaphthalene	8.839	142	749537	40.240	ng		99
38) 1-Methylnaphthalene	8.939	142	718380	39.654	ng		99
40) 1,2,4,5-Tetrachloroben...	9.004	216	377525	41.174	ng		99
41) Hexachlorocyclopentadiene	8.992	237	499550	96.922	ng		98
43) 2,4,6-Trichlorophenol	9.122	196	275985	40.817	ng		97

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44) 2,4,5-Trichlorophenol	9.163	196	281137	40.353	ng	96	06/01/2022
46) 1,1'-Biphenyl	9.304	154	951446	40.581	ng	99	Supervised By :Jagrut Upadhyay
47) 2-Chloronaphthalene	9.333	162	733454	39.851	ng	98	
48) 2-Nitroaniline	9.427	65	258989	50.604	ng	98	
49) Acenaphthylene	9.751	152	1194640	42.252	ng	99	
50) Dimethylphthalate	9.616	163	910934	42.058	ng	100	
51) 2,6-Dinitrotoluene	9.675	165	195569	49.268	ng	98	06/01/2022
52) Acenaphthene	9.922	154	810417m	46.456	ng		
53) 3-Nitroaniline	9.839	138	133406	29.101	ng	99	
54) 2,4-Dinitrophenol	9.951	184	198227	96.882	ng	87	
55) Dibenzofuran	10.092	168	1038056	40.106	ng	93	
56) 4-Nitrophenol	10.010	139	303803	81.670	ng	# 71	
57) 2,4-Dinitrotoluene	10.074	165	264862	55.773	ng	90	
58) Fluorene	10.439	166	807449	43.334	ng	99	
59) 2,3,4,6-Tetrachlorophenol	10.210	232	240720	42.636	ng	99	
60) Diethylphthalate	10.316	149	894032	42.493	ng	99	
61) 4-Chlorophenyl-phenyle...	10.427	204	403934	42.727	ng	92	
62) 4-Nitroaniline	10.463	138	191267	43.578	ng	88	
63) Azobenzene	10.586	77	857377	40.028	ng	98	
65) 4,6-Dinitro-2-methylph...	10.486	198	130667	46.279	ng	92	
66) n-Nitrosodiphenylamine	10.551	169	754660	41.058	ng	100	
67) 4-Bromophenyl-phenylether	10.916	248	274809	43.325	ng	92	
68) Hexachlorobenzene	10.980	284	304912	43.530	ng	98	
69) Atrazine	11.080	200	257553	45.149	ng	98	
70) Pentachlorophenol	11.180	266	334293	78.316	ng	99	
71) Phenanthrene	11.398	178	1211061	41.642	ng	99	
72) Anthracene	11.451	178	1216029	41.860	ng	99	
73) Carbazole	11.604	167	1084429	38.952	ng	99	
74) Di-n-butylphthalate	11.933	149	1393526	42.528	ng	100	
75) Fluoranthene	12.586	202	1287335	41.403	ng	97	
77) Benzidine	12.704	184	320557	34.353	ng	98	
78) Pyrene	12.815	202	1295408	42.504	ng	99	
80) Butylbenzylphthalate	13.433	149	540911	42.077	ng	99	
81) Benzo(a)anthracene	14.004	228	1020761	42.451	ng	99	
82) 3,3'-Dichlorobenzidine	13.968	252	242602	39.402	ng	98	
83) Chrysene	14.045	228	975996	39.634	ng	100	
84) Bis(2-ethylhexyl)phtha...	13.998	149	711258	45.745	ng	99	
85) Di-n-octyl phthalate	14.609	149	1109249	40.529	ng	100	
87) Indeno(1,2,3-cd)pyrene	16.951	276	764781	41.453	ng	# 93	
88) Benzo(b)fluoranthene	15.057	252	861880	44.293	ng	# 97	
89) Benzo(k)fluoranthene	15.086	252	805443	44.676	ng	# 97	
90) Benzo(a)pyrene	15.421	252	777261	49.787	ng	# 98	
91) Dibenzo(a,h)anthracene	16.968	278	675939	44.188	ng	# 96	
92) Benzo(g,h,i)perylene	17.398	276	664410	43.790	ng	# 94	

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

