

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063022\
 Data File : BF129050.D
 Acq On : 30 Jun 2022 10:58
 Operator : CG\JU
 Sample : PB145722BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145722BS

Quant Time: Jul 01 05:40:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 29 17:05:31 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 07/01/2022
 Supervised By : Jagrut Upadhyay 07/01/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							07/01/2022
1) 1,4-Dichlorobenzene-d4	6.957	152	466975	20.000	ng	0.00	Supervised By : Jagrut Upadhyay
21) Naphthalene-d8	8.245	136	1795116	20.000	ng	0.00	
39) Acenaphthene-d10	10.004	164	930778	20.000	ng	0.00	
64) Phenanthrene-d10	11.498	188	1645528	20.000	ng	0.00	
76) Chrysene-d12	14.145	240	1120220	20.000	ng	# 0.00	
86) Perylene-d12	15.668	264	909656	20.000	ng	0.00	07/01/2022
System Monitoring Compounds							
5) 2-Fluorophenol	5.598	112	2915081	105.537	ng	0.01	
7) Phenol-d6	6.587	99	3636484	106.005	ng	0.00	
23) Nitrobenzene-d5	7.528	82	2295715	76.280	ng	0.00	
42) 2,4,6-Tribromophenol	10.798	330	1145011	113.134	ng	0.00	
45) 2-Fluorobiphenyl	9.322	172	4024720	69.175	ng	0.00	
79) Terphenyl-d14	13.086	244	4370400	81.017	ng	0.00	
Target Compounds							Qvalue
2) 1,4-Dioxane	2.916	88	367065	29.807	ng		88
3) Pyridine	3.716	79	913892	30.388	ng		86
4) n-Nitrosodimethylamine	3.634	42	550616	40.411	ng	#	81
6) Aniline	6.628	93	1403483	36.582	ng		96
8) 2-Chlorophenol	6.745	128	1233028	42.489	ng		96
9) Benzaldehyde	6.510	77	206034	9.473	ng		99
10) Phenol	6.604	94	1458212	41.955	ng		87
11) bis(2-Chloroethyl)ether	6.692	93	1176910	42.781	ng		92
12) 1,3-Dichlorobenzene	6.898	146	1298663	40.652	ng		98
13) 1,4-Dichlorobenzene	6.975	146	1316716	40.864	ng		99
14) 1,2-Dichlorobenzene	7.128	146	1266431	41.811	ng		100
15) Benzyl Alcohol	7.104	79	981276	40.666	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.228	45	1607280	40.906	ng		93
17) 2-Methylphenol	7.204	107	981151	41.549	ng		98
18) Hexachloroethane	7.475	117	474663	41.960	ng		98
19) n-Nitroso-di-n-propyla...	7.375	70	826988	41.673	ng		88
20) 3+4-Methylphenols	7.357	107	1224314	40.771	ng	#	88
22) Acetophenone	7.375	105	1641779	39.868	ng	#	91
24) Nitrobenzene	7.545	77	1218804	41.855	ng		91
25) Isophorone	7.786	82	2242176	44.082	ng		96
26) 2-Nitrophenol	7.857	139	622813	46.020	ng		88
27) 2,4-Dimethylphenol	7.892	122	1158035	47.396	ng		94
28) bis(2-Chloroethoxy)met...	7.986	93	1406052	40.252	ng		99
29) 2,4-Dichlorophenol	8.098	162	1014052	40.690	ng		96
30) 1,2,4-Trichlorobenzene	8.181	180	1084478	39.545	ng		97
31) Naphthalene	8.269	128	3301847	40.517	ng		97
32) Benzoic acid	8.016	122	784244	40.006	ng		95
33) 4-Chloroaniline	8.310	127	908625	27.670	ng		97
34) Hexachlorobutadiene	8.381	225	644375	39.351	ng		99
35) Caprolactam	8.698	113	321184m	40.643	ng		
36) 4-Chloro-3-methylphenol	8.792	107	1033339	40.810	ng		89
37) 2-Methylnaphthalene	8.957	142	2249034	41.013	ng		100
38) 1-Methylnaphthalene	9.057	142	2151349	40.399	ng		99
40) 1,2,4,5-Tetrachloroben...	9.122	216	1035481	39.579	ng		99
41) Hexachlorocyclopentadiene	9.110	237	1310960	94.928	ng		99
43) 2,4,6-Trichlorophenol	9.233	196	727537	40.826	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	9.275	196	767020	40.465	ng	98	07/01/2022
46) 1,1'-Biphenyl	9.422	154	2674057	39.961	ng	96	Supervised By : Jagrut Upadhyay
47) 2-Chloronaphthalene	9.451	162	2064732	39.956	ng	97	
48) 2-Nitroaniline	9.545	65	601824	44.218	ng	# 80	
49) Acenaphthylene	9.869	152	3312485	42.186	ng	97	
50) Dimethylphthalate	9.722	163	2356110	40.462	ng	98	
51) 2,6-Dinitrotoluene	9.786	165	546032	45.890	ng	91	07/01/2022
52) Acenaphthene	10.039	154	2276420	44.508	ng	98	
53) 3-Nitroaniline	9.957	138	472881	33.326	ng	# 87	
54) 2,4-Dinitrophenol	10.063	184	568082	87.574	ng	# 79	
55) Dibenzofuran	10.210	168	2955156	39.680	ng	96	
56) 4-Nitrophenol	10.116	139	989362	85.336	ng	92	
57) 2,4-Dinitrotoluene	10.192	165	710795	48.388	ng	# 85	
58) Fluorene	10.557	166	2293163	39.807	ng	96	
59) 2,3,4,6-Tetrachlorophenol	10.327	232	644977	41.071	ng	100	
60) Diethylphthalate	10.427	149	2362869	40.496	ng	97	
61) 4-Chlorophenyl-phenylether	10.545	204	1133558	39.493	ng	99	
62) 4-Nitroaniline	10.580	138	590933	41.997	ng	88	
63) Azobenzene	10.704	77	2239582	39.177	ng	94	
65) 4,6-Dinitro-2-methylph...	10.598	198	335122	46.033	ng	85	
66) n-Nitrosodiphenylamine	10.663	169	2057552	41.171	ng	95	
67) 4-Bromophenyl-phenylether	11.039	248	724741	41.404	ng	91	
68) Hexachlorobenzene	11.104	284	807516	41.430	ng	93	
69) Atrazine	11.192	200	642349	45.677	ng	98	
70) Pentachlorophenol	11.298	266	986625	84.986	ng	99	
71) Phenanthrene	11.522	178	3155464	40.134	ng	96	
72) Anthracene	11.574	178	3201927	41.306	ng	96	
73) Carbazole	11.727	167	3050451	39.272	ng	97	
74) Di-n-butylphthalate	12.051	149	3385829	41.342	ng	97	
75) Fluoranthene	12.716	202	3325867	40.448	ng	95	
77) Benzidine	12.833	184	1200514	60.185	ng	99	
78) Pyrene	12.945	202	3366426	43.354	ng	97	
80) Butylbenzylphthalate	13.557	149	1379711	43.616	ng	93	
81) Benzo(a)anthracene	14.133	228	2856836	41.767	ng	96	
82) 3,3'-Dichlorobenzidine	14.098	252	743627	50.316	ng	98	
83) Chrysene	14.174	228	2590406	40.795	ng	95	
84) Bis(2-ethylhexyl)phtha...	14.110	149	1849797	44.001	ng	97	
85) Di-n-octyl phthalate	14.733	149	2650720	42.712	ng	96	
87) Indeno(1,2,3-cd)pyrene	17.233	276	2394353	42.916	ng	99	
88) Benzo(b)fluoranthene	15.215	252	2555119	46.706	ng	96	
89) Benzo(k)fluoranthene	15.251	252	2336602	44.036	ng	98	
90) Benzo(a)pyrene	15.609	252	2289816	51.344	ng	98	
91) Dibenzo(a,h)anthracene	17.251	278	2091216	45.980	ng	97	
92) Benzo(g,h,i)perylene	17.709	276	2062045	45.191	ng	99	

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

