

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050323\
 Data File : BF133213.D
 Acq On : 03 May 2023 18:16
 Operator : CG\JU
 Sample : 02588-09MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ZONE-A-6-9-05022023MS

Quant Time: May 04 01:39:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:31:52 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/04/2023
 Supervised By : Jagrut Upadhyay 05/04/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							05/04/2023 Supervised By : Jagrut Upadhyay
1) 1,4-Dichlorobenzene-d4	6.728	152	208832	20.000	ng	0.00	
21) Naphthalene-d8	8.016	136	864126	20.000	ng	0.00	
39) Acenaphthene-d10	9.769	164	447473	20.000	ng	0.00	
64) Phenanthrene-d10	11.251	188	729277	20.000	ng	0.00	
76) Chrysene-d12	13.886	240	370965	20.000	ng	0.00	
86) Perylene-d12	15.304	264	460831	20.000	ng	0.00	05/04/2023
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	1551529	112.232	ng	0.01	
7) Phenol-d6	6.381	99	1851308	107.892	ng	0.00	
23) Nitrobenzene-d5	7.298	82	1132006	70.710	ng	0.00	
42) 2,4,6-Tribromophenol	10.557	330	344678	76.592	ng	0.00	
45) 2-Fluorobiphenyl	9.092	172	1841490	68.849	ng	0.00	
79) Terphenyl-d14	12.833	244	1508683	70.141	ng	0.00	
Target Compounds							Qvalue
2) 1,4-Dioxane	2.463	88	270807	42.233	ng		99
3) Pyridine	3.158	79	675351	39.654	ng		97
4) n-Nitrosodimethylamine	3.116	42	369575	41.895	ng		98
6) Aniline	6.393	93	437935	19.816	ng	#	1
8) 2-Chlorophenol	6.516	128	659542	46.989	ng		96
9) Benzaldehyde	6.275	77	359736	49.114	ng		99
10) Phenol	6.393	94	784004	41.417	ng		90
11) bis(2-Chloroethyl)ether	6.469	93	619464	43.609	ng		99
12) 1,3-Dichlorobenzene	6.675	146	683938	45.831	ng		97
13) 1,4-Dichlorobenzene	6.751	146	693809	46.389	ng		97
14) 1,2-Dichlorobenzene	6.898	146	666870	48.364	ng		96
15) Benzyl Alcohol	6.881	79	540350	45.589	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.016	45	1027530	41.648	ng		96
17) 2-Methylphenol	6.998	107	548869	42.705	ng		99
18) Hexachloroethane	7.245	117	246511	47.408	ng		98
19) n-Nitroso-di-n-propyla...	7.157	70	426432	39.919	ng		95
20) 3+4-Methylphenols	7.151	107	702734	46.428	ng	#	80
22) Acetophenone	7.145	105	863610	43.143	ng		98
24) Nitrobenzene	7.316	77	667552	41.150	ng		96
25) Isophorone	7.557	82	1252366	41.202	ng		99
26) 2-Nitrophenol	7.634	139	364478	46.581	ng		95
27) 2,4-Dimethylphenol	7.681	122	599568	44.687	ng		99
28) bis(2-Chloroethoxy)met...	7.769	93	750308	41.726	ng		99
29) 2,4-Dichlorophenol	7.881	162	543897	44.530	ng		96
30) 1,2,4-Trichlorobenzene	7.957	180	558130	44.108	ng		99
31) Naphthalene	8.040	128	1834448	42.461	ng		99
32) Benzoic acid	7.804	122	31189m	3.763	ng		
33) 4-Chloroaniline	8.087	127	270652	15.505	ng		99
34) Hexachlorobutadiene	8.157	225	308452	43.981	ng		99
35) Caprolactam	8.457	113	155881m	37.990	ng		
36) 4-Chloro-3-methylphenol	8.581	107	583045	44.266	ng		99
37) 2-Methylnaphthalene	8.728	142	1214009	41.101	ng		97
38) 1-Methylnaphthalene	8.828	142	1139489	41.239	ng		98
40) 1,2,4,5-Tetrachloroben...	8.898	216	504478	41.931	ng		99
41) Hexachlorocyclopentadiene	8.887	237	444196	63.306	ng		99
43) 2,4,6-Trichlorophenol	9.010	196	320178	38.481	ng		99

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44) 2,4,5-Trichlorophenol	9.051	196	335825	34.899	ng	98
46) 1,1'-Biphenyl	9.192	154	1480298	41.719	ng	100
47) 2-Chloronaphthalene	9.216	162	1120825	43.157	ng	99
48) 2-Nitroaniline	9.316	65	365047	42.530	ng	98
49) Acenaphthylene	9.634	152	1731124	41.716	ng	99
50) Dimethylphthalate	9.498	163	1323399	42.415	ng	99
51) 2,6-Dinitrotoluene	9.557	165	308310	43.902	ng	93
52) Acenaphthene	9.804	154	1069612	38.485	ng	100
53) 3-Nitroaniline	9.722	138	263421	31.547	ng	96
54) 2,4-Dinitrophenol	9.828	184	12131	3.437	ng	87
55) Dibenzofuran	9.975	168	1540695	40.638	ng	98
56) 4-Nitrophenol	9.892	139	365436	56.505	ng	96
57) 2,4-Dinitrotoluene	9.957	165	396482	44.271	ng	97
58) Fluorene	10.316	166	1127245	40.583	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.092	232	196555	26.347	ng	97
60) Diethylphthalate	10.198	149	1236961	41.971	ng	98
61) 4-Chlorophenyl-phenyle...	10.310	204	546356	40.363	ng	98
62) 4-Nitroaniline	10.339	138	332792	43.363	ng	98
63) Azobenzene	10.469	77	1261080	40.393	ng	99
65) 4,6-Dinitro-2-methylph...	10.369	198	36167	8.182	ng	97
66) n-Nitrosodiphenylamine	10.428	169	1041784	44.039	ng	99
67) 4-Bromophenyl-phenylether	10.798	248	341028	43.117	ng	95
68) Hexachlorobenzene	10.869	284	364779	45.008	ng	97
69) Atrazine	10.963	200	343981	50.464	ng	98
70) Pentachlorophenol	11.057	266	147944	25.631	ng	98
71) Phenanthrene	11.275	178	1672982	42.682	ng	100
72) Anthracene	11.328	178	1641125	40.912	ng	99
73) Carbazole	11.486	167	1458229	40.826	ng	99
74) Di-n-butylphthalate	11.816	149	1829279	45.256	ng	100
75) Fluoranthene	12.463	202	1471120	37.397	ng	97
77) Benzidine	12.580	184	435057	69.352	ng	95
78) Pyrene	12.692	202	1437277	45.197	ng	99
80) Butylbenzylphthalate	13.310	149	589069	52.317	ng	94
81) Benzo(a)anthracene	13.874	228	1075790	42.171	ng	99
82) 3,3'-Dichlorobenzidine	13.839	252	204923	29.079	ng	97
83) Chrysene	13.916	228	1082743	42.454	ng	99
84) Bis(2-ethylhexyl)phtha...	13.874	149	696385	49.274	ng	99
85) Di-n-octyl phthalate	14.486	149	1349704	58.569	ng	98
87) Indeno(1,2,3-cd)pyrene	16.686	276	1105299	42.166	ng	99
88) Benzo(b)fluoranthene	14.904	252	1256344	42.853	ng	98
89) Benzo(k)fluoranthene	14.933	252	1164459	40.068	ng	99
90) Benzo(a)pyrene	15.251	252	1095694	41.060	ng	100
91) Dibenzo(a,h)anthracene	16.704	278	937392	42.876	ng	99
92) Benzo(g,h,i)perylene	17.104	276	840356	38.934	ng	96

05/04/2023
 Supervised By : Jagrut
 Upadhyay

05/04/2023

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

