

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
 Data File : BF134207.D
 Acq On : 11 Jul 2023 11:16
 Operator : CG\JU
 Sample : PB154009BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154009BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/12/2023
 Supervised By :mohammad ahmed 07/12/2023

Quant Time: Jul 12 01:01:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	121010	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	465030	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	238682	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	468832	20.000	ng	0.00
76) Chrysene-d12	14.045	240	251731	20.000	ng	0.00
86) Perylene-d12	15.545	264	188195	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	839609	116.062	ng	0.01
7) Phenol-d6	6.486	99	1006495	113.133	ng	0.00
23) Nitrobenzene-d5	7.410	82	683574	79.239	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	308008	102.923	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1261134	76.820	ng	0.00
79) Terphenyl-d14	12.980	244	1404064	89.768	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.704	88	115388	38.684	ng	99
3) Pyridine	3.487	79	252375	32.483	ng	96
4) n-Nitrosodimethylamine	3.446	42	179368	40.421	ng	97
6) Aniline	6.510	93	245075	22.638	ng	# 88
8) 2-Chlorophenol	6.634	128	309800	42.187	ng	97
9) Benzaldehyde	6.398	77	126511	23.060	ng	95
10) Phenol	6.504	94	395746	42.307	ng	90
11) bis(2-Chloroethyl)ether	6.586	93	310300	45.058	ng	95
12) 1,3-Dichlorobenzene	6.786	146	356142	45.490	ng	98
13) 1,4-Dichlorobenzene	6.863	146	360572	45.598	ng	100
14) 1,2-Dichlorobenzene	7.016	146	344425	46.507	ng	97
15) Benzyl Alcohol	6.992	79	293185	42.748	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.122	45	517885	42.508	ng	97
17) 2-Methylphenol	7.104	107	278181	42.303	ng	98
18) Hexachloroethane	7.351	117	135952	46.367	ng	97
19) n-Nitroso-di-n-propyla...	7.263	70	232452	41.201	ng	97
20) 3+4-Methylphenols	7.257	107	331379	41.538	ng	94
22) Acetophenone	7.257	105	459532	43.451	ng	97
24) Nitrobenzene	7.428	77	365361	41.911	ng	94
25) Isophorone	7.669	82	632443	40.338	ng	99
26) 2-Nitrophenol	7.745	139	183037	43.768	ng	98
27) 2,4-Dimethylphenol	7.781	122	286528	43.284	ng	96
28) bis(2-Chloroethoxy)met...	7.875	93	333773	36.766	ng	99
29) 2,4-Dichlorophenol	7.986	162	276259	42.086	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	295463	43.622	ng	99
31) Naphthalene	8.151	128	923628	41.119	ng	100
32) Benzoic acid	7.910	122	195291m	39.370	ng	
33) 4-Chloroaniline	8.198	127	115564	12.027	ng	99
34) Hexachlorobutadiene	8.257	225	181656	42.517	ng	99
35) Caprolactam	8.580	113	99072m	45.838	ng	
36) 4-Chloro-3-methylphenol	8.686	107	279597	37.915	ng	97
37) 2-Methylnaphthalene	8.839	142	617951	38.903	ng	100
38) 1-Methylnaphthalene	8.939	142	584176	39.560	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	309573	43.779	ng	99
41) Hexachlorocyclopentadiene	8.992	237	276084	82.296	ng	100
43) 2,4,6-Trichlorophenol	9.122	196	192995	40.092	ng	98

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44) 2,4,5-Trichlorophenol	9.169	196	216113	38.167	ng	97
46) 1,1'-Biphenyl	9.304	154	791718	41.351	ng	99
47) 2-Chloronaphthalene	9.333	162	589206	42.060	ng	100
48) 2-Nitroaniline	9.433	65	208586	40.856	ng	95
49) Acenaphthylene	9.751	152	959341	40.089	ng	99
50) Dimethylphthalate	9.610	163	697276	40.245	ng	100
51) 2,6-Dinitrotoluene	9.675	165	154361	41.365	ng	91
52) Acenaphthene	9.922	154	570414	41.079	ng	99
53) 3-Nitroaniline	9.845	138	125842	28.110	ng	100
54) 2,4-Dinitrophenol	9.957	184	175017	81.152	ng	95
55) Dibenzofuran	10.092	168	816837	37.640	ng	98
56) 4-Nitrophenol	10.016	139	247703	79.101	ng	97
57) 2,4-Dinitrotoluene	10.086	165	190174	38.589	ng	95
58) Fluorene	10.439	166	689206	40.822	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	180034	40.308	ng	100
60) Diethylphthalate	10.310	149	701629	38.869	ng	99
61) 4-Chlorophenyl-phenyle...	10.427	204	325134	39.961	ng	96
62) 4-Nitroaniline	10.469	138	172195	38.166	ng	96
63) Azobenzene	10.592	77	579861	33.960	ng	97
65) 4,6-Dinitro-2-methylph...	10.498	198	104250	40.786	ng	97
66) n-Nitrosodiphenylamine	10.551	169	530932	35.444	ng	100
67) 4-Bromophenyl-phenylether	10.921	248	186015	37.329	ng	98
68) Hexachlorobenzene	10.986	284	215320	40.696	ng	96
69) Atrazine	11.080	200	162976	39.334	ng	98
70) Pentachlorophenol	11.186	266	229917	72.678	ng	96
71) Phenanthrene	11.410	178	992420	42.048	ng	100
72) Anthracene	11.457	178	1020086	41.554	ng	100
73) Carbazole	11.616	167	977141	43.488	ng	99
74) Di-n-butylphthalate	11.945	149	1088498	40.737	ng	100
75) Fluoranthene	12.604	202	1047207	41.042	ng	100
77) Benzidine	12.727	184	160062	26.723	ng	98
78) Pyrene	12.833	202	1050690	44.850	ng	99
80) Butylbenzylphthalate	13.457	149	384516	43.763	ng	96
81) Benzo(a)anthracene	14.033	228	720991	41.299	ng	98
82) 3,3'-Dichlorobenzidine	13.992	252	183058	33.096	ng	# 97
83) Chrysene	14.068	228	696866	41.212	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	431532	42.743	ng	100
85) Di-n-octyl phthalate	14.639	149	528263	35.610	ng	98
87) Indeno(1,2,3-cd)pyrene	17.103	276	642601	49.208	ng	97
88) Benzo(b)fluoranthene	15.104	252	507839	45.892	ng	99
89) Benzo(k)fluoranthene	15.133	252	514820	45.693	ng	98
90) Benzo(a)pyrene	15.486	252	455893	42.604	ng	98
91) Dibenzo(a,h)anthracene	17.115	278	532796	49.951	ng	98
92) Benzo(g,h,i)perylene	17.574	276	537333	48.851	ng	97

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

