

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063023\
 Data File : BF134055.D
 Acq On : 30 Jun 2023 16:27
 Operator : CG\JU
 Sample : PB153876BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153876BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/03/2023
 Supervised By :mohammad ahmed 07/07/2023

Quant Time: Jun 30 18:38:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	126924	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	499384	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	250850	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	488997	20.000	ng	0.00
76) Chrysene-d12	14.045	240	302381	20.000	ng	0.00
86) Perylene-d12	15.545	264	244558	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	919552	121.190	ng	0.01
7) Phenol-d6	6.498	99	1103489	118.256	ng	0.00
23) Nitrobenzene-d5	7.416	82	779112	84.100	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	375521	119.397	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1407008	81.548	ng	0.00
79) Terphenyl-d14	12.980	244	1676157	89.213	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.752	88	109659	35.050	ng	99
3) Pyridine	3.522	79	288170	35.362	ng	98
4) n-Nitrosodimethylamine	3.481	42	204108	43.853	ng	95
6) Aniline	6.516	93	455612	40.124	ng	# 87
8) 2-Chlorophenol	6.640	128	347036	45.056	ng	97
9) Benzaldehyde	6.404	77	247788	52.553	ng	98
10) Phenol	6.510	94	403995	41.177	ng	# 74
11) bis(2-Chloroethyl)ether	6.587	93	315736	43.711	ng	99
12) 1,3-Dichlorobenzene	6.792	146	370102	45.070	ng	98
13) 1,4-Dichlorobenzene	6.869	146	372719	44.938	ng	99
14) 1,2-Dichlorobenzene	7.016	146	355514	45.768	ng	99
15) Benzyl Alcohol	6.998	79	315531	43.863	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	545268	42.670	ng	98
17) 2-Methylphenol	7.110	107	286268	41.504	ng	96
18) Hexachloroethane	7.357	117	145467	47.300	ng	97
19) n-Nitroso-di-n-propyla...	7.269	70	245390	41.468	ng	99
20) 3+4-Methylphenols	7.263	107	335220	40.062	ng	95
22) Acetophenone	7.263	105	479097	42.184	ng	97
24) Nitrobenzene	7.434	77	386701	41.307	ng	94
25) Isophorone	7.675	82	682707	40.548	ng	99
26) 2-Nitrophenol	7.751	139	188968	42.078	ng	98
27) 2,4-Dimethylphenol	7.787	122	301373	42.395	ng	97
28) bis(2-Chloroethoxy)met...	7.881	93	394443	40.460	ng	99
29) 2,4-Dichlorophenol	7.992	162	289131	41.016	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	311546	42.832	ng	97
31) Naphthalene	8.151	128	975249	40.430	ng	99
32) Benzoic acid	7.922	122	214196	40.211	ng	98
33) 4-Chloroaniline	8.204	127	253175	24.536	ng	97
34) Hexachlorobutadiene	8.263	225	199086	43.391	ng	99
35) Caprolactam	8.586	113	94183m	40.578	ng	
36) 4-Chloro-3-methylphenol	8.686	107	327382	41.341	ng	93
37) 2-Methylnaphthalene	8.845	142	659015	38.634	ng	100
38) 1-Methylnaphthalene	8.945	142	607561	38.313	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	312575	42.059	ng	98
41) Hexachlorocyclopentadiene	8.998	237	386996	109.761	ng	99
43) 2,4,6-Trichlorophenol	9.128	196	206296	40.777	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	232115	39.004	ng	96
46) 1,1'-Biphenyl	9.310	154	821198	40.810	ng	99
47) 2-Chloronaphthalene	9.339	162	610347	41.456	ng	99
48) 2-Nitroaniline	9.433	65	217726	40.578	ng	98
49) Acenaphthylene	9.751	152	1010709	40.187	ng	99
50) Dimethylphthalate	9.616	163	739769	40.626	ng	99
51) 2,6-Dinitrotoluene	9.681	165	162750	41.497	ng	91
52) Acenaphthene	9.928	154	594802	40.758	ng	99
53) 3-Nitroaniline	9.851	138	145749	30.977	ng	95
54) 2,4-Dinitrophenol	9.963	184	194120	85.430	ng	92
55) Dibenzofuran	10.098	168	902714	39.580	ng	98
56) 4-Nitrophenol	10.022	139	266248	80.898	ng	93
57) 2,4-Dinitrotoluene	10.092	165	207829	40.125	ng	92
58) Fluorene	10.445	166	712355	40.147	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	198017	42.184	ng	99
60) Diethylphthalate	10.316	149	782331	41.238	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	341953	39.990	ng	99
62) 4-Nitroaniline	10.475	138	182325	38.451	ng	94
63) Azobenzene	10.598	77	728422	40.591	ng	98
65) 4,6-Dinitro-2-methylph...	10.498	198	124005	46.514	ng	80
66) n-Nitrosodiphenylamine	10.557	169	642470	41.122	ng	99
67) 4-Bromophenyl-phenylether	10.927	248	217430	41.834	ng	97
68) Hexachlorobenzene	10.992	284	245938	44.566	ng	98
69) Atrazine	11.086	200	211622	48.968	ng	97
70) Pentachlorophenol	11.192	266	251816	76.317	ng	97
71) Phenanthrene	11.410	178	1012694	41.138	ng	99
72) Anthracene	11.463	178	1042635	40.721	ng	100
73) Carbazole	11.622	167	975252	41.614	ng	99
74) Di-n-butylphthalate	11.945	149	1218053	43.705	ng	99
75) Fluoranthene	12.604	202	1111310	41.758	ng	99
77) Benzidine	12.733	184	740804	102.962	ng	98
78) Pyrene	12.839	202	1125933	40.011	ng	99
80) Butylbenzylphthalate	13.457	149	475106	45.016	ng	99
81) Benzo(a)anthracene	14.033	228	867182	41.352	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	232741	35.031	ng	98
83) Chrysene	14.074	228	799495	39.362	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	576176	47.511	ng	99
85) Di-n-octyl phthalate	14.639	149	795028	44.616	ng	99
87) Indeno(1,2,3-cd)pyrene	17.104	276	731605	43.112	ng	98
88) Benzo(b)fluoranthene	15.104	252	675778	46.994	ng	100
89) Benzo(k)fluoranthene	15.139	252	627629	42.867	ng	99
90) Benzo(a)pyrene	15.486	252	559954	40.269	ng	98
91) Dibenzo(a,h)anthracene	17.121	278	599754	43.270	ng	97
92) Benzo(g,h,i)perylene	17.580	276	602719	42.166	ng	98

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

