

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121123\
 Data File : BF136488.D
 Acq On : 11 Dec 2023 13:55
 Operator : CG\JU
 Sample : PB157455BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157455BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023

Quant Time: Dec 11 14:13:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	131702	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	557058	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	299325	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	555705	20.000	ng	0.00
76) Chrysene-d12	13.980	240	287768	20.000	ng	0.00
86) Perylene-d12	15.451	264	233542	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	982926	110.219	ng	0.02
7) Phenol-d6	6.451	99	1239387	111.391	ng	0.00
23) Nitrobenzene-d5	7.363	82	742647	72.071	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	410134	111.126	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1537842	70.104	ng	0.00
79) Terphenyl-d14	12.921	244	1726221	79.065	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.657	88	125846	35.678	ng	97
3) Pyridine	3.416	79	235012	27.512	ng	99
4) n-Nitrosodimethylamine	3.381	42	145808	39.289	ng	100
6) Aniline	6.463	93	158313	14.079	ng	# 1
8) 2-Chlorophenol	6.586	128	408681	41.978	ng	99
10) Phenol	6.463	94	472899	39.942	ng	99
11) bis(2-Chloroethyl)ether	6.539	93	357169	40.472	ng	96
12) 1,3-Dichlorobenzene	6.739	146	407808	37.247	ng	97
13) 1,4-Dichlorobenzene	6.816	146	421492	37.950	ng	100
14) 1,2-Dichlorobenzene	6.963	146	401849	38.476	ng	99
15) Benzyl Alcohol	6.945	79	316628	42.497	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	427247	37.642	ng	92
17) 2-Methylphenol	7.063	107	329395	41.879	ng	93
18) Hexachloroethane	7.304	117	148191	38.217	ng	98
19) n-Nitroso-di-n-propyla...	7.216	70	255901	39.870	ng	97
20) 3+4-Methylphenols	7.210	107	401486	41.124	ng	98
22) Acetophenone	7.204	105	546459	39.726	ng	# 98
24) Nitrobenzene	7.381	77	380201	36.678	ng	96
25) Isophorone	7.616	82	723389	39.075	ng	99
26) 2-Nitrophenol	7.692	139	214872	42.164	ng	98
27) 2,4-Dimethylphenol	7.739	122	357631	56.913	ng	99
28) bis(2-Chloroethoxy)met...	7.828	93	450413	39.594	ng	100
29) 2,4-Dichlorophenol	7.939	162	340831	41.093	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	367464	37.994	ng	98
31) Naphthalene	8.098	128	1165912	37.953	ng	100
32) Benzoic acid	7.881	122	260742	41.829	ng	96
33) 4-Chloroaniline	8.151	127	180121	16.447	ng	97
34) Hexachlorobutadiene	8.210	225	206014	35.942	ng	99
35) Caprolactam	8.528	113	112270m	43.955	ng	
36) 4-Chloro-3-methylphenol	8.639	107	368874	41.886	ng	98
37) 2-Methylnaphthalene	8.786	142	758951	38.834	ng	96
38) 1-Methylnaphthalene	8.886	142	715569	37.313	ng	97
40) 1,2,4,5-Tetrachloroben...	8.957	216	367419	39.455	ng	99
41) Hexachlorocyclopentadiene	8.939	237	326083	94.517	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	242670	40.021	ng	98
44) 2,4,5-Trichlorophenol	9.122	196	264375	39.065	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.257	154	979916	38.474	ng	99
47) 2-Chloronaphthalene	9.280	162	744836	37.574	ng	98
48) 2-Nitroaniline	9.380	65	213237	40.107	ng	93
49) Acenaphthylene	9.698	152	1096547	38.831	ng	99
50) Dimethylphthalate	9.563	163	879456	39.908	ng	99
51) 2,6-Dinitrotoluene	9.627	165	200437	40.429	ng	89
52) Acenaphthene	9.869	154	702111	38.800	ng	97
53) 3-Nitroaniline	9.792	138	142246	28.097	ng	97
54) 2,4-Dinitrophenol	9.904	184	222926	88.934	ng	# 90
55) Dibenzofuran	10.045	168	1023016	38.698	ng	97
56) 4-Nitrophenol	9.969	139	317198	83.577	ng	100
57) 2,4-Dinitrotoluene	10.033	165	258264	39.378	ng	97
58) Fluorene	10.386	166	812692	38.297	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	226819	41.842	ng	98
60) Diethylphthalate	10.263	149	855826	39.494	ng	99
61) 4-Chlorophenyl-phenyle...	10.380	204	400191	38.685	ng	93
62) 4-Nitroaniline	10.416	138	198873	39.561	ng	99
63) Azobenzene	10.539	77	748555	37.951	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	155127	45.075	ng	98
66) n-Nitrosodiphenylamine	10.504	169	739623	41.479	ng	98
67) 4-Bromophenyl-phenylether	10.869	248	257430	39.844	ng	96
68) Hexachlorobenzene	10.933	284	290875	38.953	ng	95
69) Atrazine	11.021	200	25280	4.967	ng	96
70) Pentachlorophenol	11.133	266	298272	70.773	ng	99
71) Phenanthrene	11.351	178	1254613	41.076	ng	100
72) Anthracene	11.404	178	1239970	40.305	ng	99
73) Carbazole	11.563	167	1090436	40.047	ng	99
74) Di-n-butylphthalate	11.892	149	1313648	39.354	ng	99
75) Fluoranthene	12.545	202	1219127	38.088	ng	99
77) Benzidine	12.668	184	29850	7.225	ng	96
78) Pyrene	12.774	202	1213652	43.063	ng	98
80) Butylbenzylphthalate	13.398	149	425228	42.385	ng	95
81) Benzo(a)anthracene	13.968	228	824619	41.139	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	208788	37.150	ng	100
83) Chrysene	14.004	228	797967	40.462	ng	99
84) Bis(2-ethylhexyl)phtha...	13.962	149	503799	40.963	ng	100
85) Di-n-octyl phthalate	14.580	149	736815	40.558	ng	99
87) Indeno(1,2,3-cd)pyrene	16.962	276	837090	51.594	ng	99
88) Benzo(b)fluoranthene	15.021	252	752029	47.096	ng	99
89) Benzo(k)fluoranthene	15.057	252	663089	44.064	ng	98
90) Benzo(a)pyrene	15.392	252	621686	47.144	ng	100
91) Dibenzo(a,h)anthracene	16.986	278	704162	52.977	ng	99
92) Benzo(g,h,i)perylene	17.421	276	714565	52.377	ng	99

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

