

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122123\
 Data File : BF136664.D
 Acq On : 21 Dec 2023 11:34
 Operator : CG\JU
 Sample : PB157746BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157746BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/22/2023
 Supervised By :mohammad ahmed 12/22/2023

Quant Time: Dec 21 12:13:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	92602	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	366215	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	190719	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	374150	20.000	ng	0.00
76) Chrysene-d12	13.969	240	201411	20.000	ng	0.00
86) Perylene-d12	15.445	264	165069	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	678790	114.372	ng	0.02
7) Phenol-d6	6.446	99	869942	113.123	ng	0.00
23) Nitrobenzene-d5	7.357	82	549149	76.732	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	265052	118.003	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1043690	73.603	ng	0.00
79) Terphenyl-d14	12.916	244	1143438	79.336	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.640	88	79194	32.025	ng	98
3) Pyridine	3.405	79	186094	30.844	ng	96
4) n-Nitrosodimethylamine	3.369	42	127573	39.594	ng	97
6) Aniline	6.457	93	263990	34.335	ng	# 1
8) 2-Chlorophenol	6.581	128	268397	41.325	ng	98
9) Benzaldehyde	6.346	77	92850	21.227	ng	97
10) Phenol	6.457	94	317630	38.691	ng	90
11) bis(2-Chloroethyl)ether	6.534	93	247480	39.640	ng	98
12) 1,3-Dichlorobenzene	6.734	146	262235	37.012	ng	96
13) 1,4-Dichlorobenzene	6.810	146	267189	36.908	ng	99
14) 1,2-Dichlorobenzene	6.957	146	255503	37.929	ng	98
15) Benzyl Alcohol	6.940	79	207665	40.027	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	407375	39.911	ng	100
17) 2-Methylphenol	7.057	107	223153	41.474	ng	96
18) Hexachloroethane	7.298	117	97690	37.157	ng	96
19) n-Nitroso-di-n-propyla...	7.210	70	183759	39.418	ng	99
20) 3+4-Methylphenols	7.210	107	265812	39.544	ng	# 75
22) Acetophenone	7.204	105	368990	40.199	ng	100
24) Nitrobenzene	7.375	77	275009	38.360	ng	99
25) Isophorone	7.616	82	511627	39.288	ng	99
26) 2-Nitrophenol	7.687	139	142324	41.494	ng	94
27) 2,4-Dimethylphenol	7.734	122	237251	56.815	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	316670	40.006	ng	99
29) 2,4-Dichlorophenol	7.934	162	218392	40.623	ng	98
30) 1,2,4-Trichlorobenzene	8.010	180	229529	38.319	ng	99
31) Naphthalene	8.092	128	764700	38.009	ng	100
32) Benzoic acid	7.881	122	172265	42.635	ng	94
33) 4-Chloroaniline	8.140	127	201189	27.084	ng	99
34) Hexachlorobutadiene	8.204	225	135276	37.171	ng	98
35) Caprolactam	8.528	113	77791m	43.862	ng	
36) 4-Chloro-3-methylphenol	8.634	107	247129	40.833	ng	95
37) 2-Methylnaphthalene	8.781	142	498823	38.525	ng	98
38) 1-Methylnaphthalene	8.881	142	463528	36.490	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	235744	39.913	ng	99
41) Hexachlorocyclopentadiene	8.934	237	202474	105.829	ng	100
43) 2,4,6-Trichlorophenol	9.063	196	154109	40.684	ng	99

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44) 2,4,5-Trichlorophenol	9.116	196	174529	41.347	ng	96
46) 1,1'-Biphenyl	9.251	154	634839	39.667	ng	99
47) 2-Chloronaphthalene	9.275	162	464514	38.179	ng	99
48) 2-Nitroaniline	9.375	65	159986	41.991	ng	99
49) Acenaphthylene	9.692	152	755506	40.626	ng	100
50) Dimethylphthalate	9.557	163	568143	40.784	ng	99
51) 2,6-Dinitrotoluene	9.622	165	124973	39.529	ng	98
52) Acenaphthene	9.863	154	450226	39.056	ng	99
53) 3-Nitroaniline	9.792	138	114886	34.304	ng	87
54) 2,4-Dinitrophenol	9.904	184	139246	79.494	ng	98
55) Dibenzofuran	10.034	168	684546	39.174	ng	99
56) 4-Nitrophenol	9.969	139	187077	82.747	ng	99
57) 2,4-Dinitrotoluene	10.028	165	160970	39.220	ng	95
58) Fluorene	10.381	166	538789	38.859	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	146107	44.965	ng	99
60) Diethylphthalate	10.257	149	579496	40.093	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	256412	38.046	ng	95
62) 4-Nitroaniline	10.410	138	126815m	39.279	ng	
63) Azobenzene	10.533	77	547266	40.538	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	94690	44.160	ng	87
66) n-Nitrosodiphenylamine	10.492	169	492919	40.556	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	163667	39.388	ng	97
68) Hexachlorobenzene	10.928	284	180220	38.919	ng	98
69) Atrazine	11.028	200	199879	64.298	ng	99
70) Pentachlorophenol	11.128	266	168942	78.272	ng	99
71) Phenanthrene	11.345	178	778377	40.545	ng	99
72) Anthracene	11.398	178	786844	40.471	ng	99
73) Carbazole	11.551	167	738982	40.314	ng	99
74) Di-n-butylphthalate	11.886	149	921764	41.210	ng	99
75) Fluoranthene	12.533	202	812502	39.566	ng	98
77) Benzidine	12.657	184	162318	27.332	ng	98
78) Pyrene	12.763	202	810900	41.013	ng	98
80) Butylbenzylphthalate	13.392	149	326213	45.343	ng	98
81) Benzo(a)anthracene	13.957	228	572949	40.967	ng	99
82) 3,3'-Dichlorobenzidine	13.922	252	168171	42.341	ng	# 99
83) Chrysene	13.998	228	555115	40.589	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	403007	44.522	ng	98
85) Di-n-octyl phthalate	14.569	149	617086	44.071	ng	99
87) Indeno(1,2,3-cd)pyrene	16.945	276	534438	44.842	ng	100
88) Benzo(b)fluoranthene	15.016	252	489140	44.366	ng	99
89) Benzo(k)fluoranthene	15.045	252	451962	43.384	ng	98
90) Benzo(a)pyrene	15.380	252	404753	43.492	ng	98
91) Dibenzo(a,h)anthracene	16.968	278	445896	45.603	ng	98
92) Benzo(g,h,i)perylene	17.404	276	443905	44.326	ng	100

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

