

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
 Data File : BF136718.D
 Acq On : 26 Dec 2023 14:26
 Operator : CG\JU
 Sample : PB157861BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157861BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/27/2023
 Supervised By :mohammad ahmed 12/27/2023

Quant Time: Dec 26 15:13:19 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	6.787	152	99703	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	392467	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	193409	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	346176	20.000	ng	0.00
76) Chrysene-d12	13.969	240	182449	20.000	ng	0.00
86) Perylene-d12	15.445	264	174185	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	737201	115.367	ng	0.01
7) Phenol-d6	6.446	99	896234	108.241	ng	0.00
23) Nitrobenzene-d5	7.357	82	572317	74.620	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	246533	108.232	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1086097	75.528	ng	0.00
79) Terphenyl-d14	12.910	244	991942	75.978	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.622	88	82663	31.047	ng	98
3) Pyridine	3.393	79	191987	29.554	ng	96
4) n-Nitrosodimethylamine	3.352	42	136149	39.247	ng	90
6) Aniline	6.451	93	238469	28.806	ng	# 31
8) 2-Chlorophenol	6.581	128	287255	41.078	ng	94
9) Benzaldehyde	6.340	77	88313	18.752	ng	98
10) Phenol	6.457	94	334698	37.866	ng	98
11) bis(2-Chloroethyl)ether	6.528	93	273121	40.632	ng	98
12) 1,3-Dichlorobenzene	6.728	146	281708	36.929	ng	99
13) 1,4-Dichlorobenzene	6.804	146	288362	36.995	ng	99
14) 1,2-Dichlorobenzene	6.957	146	275797	38.025	ng	97
15) Benzyl Alcohol	6.940	79	228292	40.869	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	429442	39.076	ng	86
17) 2-Methylphenol	7.051	107	228005	39.358	ng	96
18) Hexachloroethane	7.293	117	106019	37.453	ng	98
19) n-Nitroso-di-n-propyla...	7.204	70	195374	38.925	ng	99
20) 3+4-Methylphenols	7.204	107	274522	37.931	ng	# 80
22) Acetophenone	7.198	105	394992	40.153	ng	93
24) Nitrobenzene	7.375	77	288460	37.545	ng	94
25) Isophorone	7.610	82	534682	38.312	ng	99
26) 2-Nitrophenol	7.687	139	150022	40.812	ng	98
27) 2,4-Dimethylphenol	7.728	122	242357	54.156	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	332427	39.187	ng	100
29) 2,4-Dichlorophenol	7.934	162	227731	39.527	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	241975	37.695	ng	98
31) Naphthalene	8.087	128	809120	37.527	ng	100
32) Benzoic acid	7.881	122	182188	42.075	ng	99
33) 4-Chloroaniline	8.140	127	200408	25.175	ng	99
34) Hexachlorobutadiene	8.198	225	142803	36.615	ng	99
35) Caprolactam	8.522	113	75634m	39.793	ng	
36) 4-Chloro-3-methylphenol	8.634	107	248642	38.335	ng	97
37) 2-Methylnaphthalene	8.781	142	522444	37.651	ng	99
38) 1-Methylnaphthalene	8.881	142	481442	35.365	ng	100
40) 1,2,4,5-Tetrachloroben...	8.945	216	243503	40.653	ng	98
41) Hexachlorocyclopentadiene	8.928	237	145815	76.574	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	159412	41.499	ng	97

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44) 2,4,5-Trichlorophenol	9.116	196	168878	39.451	ng	99
46) 1,1'-Biphenyl	9.245	154	653417	40.260	ng	98
47) 2-Chloronaphthalene	9.269	162	482568	39.111	ng	99
48) 2-Nitroaniline	9.375	65	157638	40.800	ng	92
49) Acenaphthylene	9.686	152	750003	39.769	ng	100
50) Dimethylphthalate	9.551	163	561543	39.749	ng	99
51) 2,6-Dinitrotoluene	9.616	165	123308	38.460	ng	# 86
52) Acenaphthene	9.857	154	453933	38.830	ng	99
53) 3-Nitroaniline	9.786	138	105585	31.088	ng	95
54) 2,4-Dinitrophenol	9.898	184	138005	77.774	ng	# 85
55) Dibenzofuran	10.034	168	680811	38.419	ng	98
56) 4-Nitrophenol	9.969	139	170067	74.177	ng	99
57) 2,4-Dinitrotoluene	10.022	165	155508	37.362	ng	95
58) Fluorene	10.375	166	531159	37.776	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	141613	42.976	ng	97
60) Diethylphthalate	10.251	149	555784	37.918	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	254273	37.204	ng	94
62) 4-Nitroaniline	10.410	138	112512m	34.364	ng	
63) Azobenzene	10.528	77	519201	37.925	ng	98
65) 4,6-Dinitro-2-methylph...	10.434	198	90721	45.728	ng	96
66) n-Nitrosodiphenylamine	10.492	169	474878	42.229	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	156281	40.650	ng	100
68) Hexachlorobenzene	10.922	284	172343	40.226	ng	96
69) Atrazine	11.028	200	172362	59.926	ng	98
70) Pentachlorophenol	11.122	266	157767	79.002	ng	96
71) Phenanthrene	11.339	178	733741	41.308	ng	99
72) Anthracene	11.392	178	733088	40.753	ng	99
73) Carbazole	11.551	167	657832	38.787	ng	100
74) Di-n-butylphthalate	11.880	149	815318	39.396	ng	99
75) Fluoranthene	12.533	202	715856	37.677	ng	98
77) Benzidine	12.657	184	65924	12.254	ng	98
78) Pyrene	12.763	202	715224	39.933	ng	100
80) Butylbenzylphthalate	13.386	149	278522	42.737	ng	97
81) Benzo(a)anthracene	13.957	228	523384	41.312	ng	99
82) 3,3'-Dichlorobenzidine	13.922	252	165069	45.879	ng	96
83) Chrysene	13.998	228	501465	40.477	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	366443	44.690	ng	99
85) Di-n-octyl phthalate	14.563	149	612954	48.326	ng	99
87) Indeno(1,2,3-cd)pyrene	16.957	276	614220	48.839	ng	99
88) Benzo(b)fluoranthene	15.016	252	497785	42.787	ng	100
89) Benzo(k)fluoranthene	15.045	252	486012	44.211	ng	100
90) Benzo(a)pyrene	15.386	252	434984	44.294	ng	99
91) Dibenzo(a,h)anthracene	16.974	278	518319	50.236	ng	97
92) Benzo(g,h,i)perylene	17.415	276	525629	49.740	ng	99

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

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