

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121423\
 Data File : BF136566.D
 Acq On : 14 Dec 2023 13:59
 Operator : CG\JU
 Sample : PB157494BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157494BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/15/2023
 Supervised By :mohammad ahmed 12/15/2023

Quant Time: Dec 14 14:49:46 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	6.786	152	115227	20.000	ng	-0.02
21) Naphthalene-d8	8.069	136	472431	20.000	ng	-0.01
39) Acenaphthene-d10	9.827	164	250010	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	472746	20.000	ng	-0.01
76) Chrysene-d12	13.968	240	267556	20.000	ng	-0.01
86) Perylene-d12	15.445	264	243350	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	658228	84.363	ng	0.00
7) Phenol-d6	6.434	99	818552	84.087	ng	-0.01
23) Nitrobenzene-d5	7.357	82	721504	82.562	ng	-0.01
42) 2,4,6-Tribromophenol	10.621	330	273125	88.601	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1524178	83.186	ng	-0.01
79) Terphenyl-d14	12.915	244	1799028	88.624	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	106729	34.584	ng	98
3) Pyridine	3.410	79	278314	37.240	ng	95
4) n-Nitrosodimethylamine	3.387	42	135263	41.659	ng	99
6) Aniline	6.457	93	364584	37.059	ng	100
8) 2-Chlorophenol	6.575	128	376624	44.216	ng	99
9) Benzaldehyde	6.339	77	129030	23.742	ng	98
10) Phenol	6.451	94	443247	42.791	ng	81
11) bis(2-Chloroethyl)ether	6.528	93	324989	42.091	ng	96
12) 1,3-Dichlorobenzene	6.728	146	382396	39.920	ng	96
13) 1,4-Dichlorobenzene	6.804	146	389230	40.056	ng	98
14) 1,2-Dichlorobenzene	6.957	146	374495	40.984	ng	99
15) Benzyl Alcohol	6.934	79	302376	46.387	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	405202	40.804	ng	94
17) 2-Methylphenol	7.051	107	295831	42.989	ng	92
18) Hexachloroethane	7.292	117	139219	41.036	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	239693	42.685	ng	97
20) 3+4-Methylphenols	7.204	107	368490	43.141	ng	# 86
22) Acetophenone	7.198	105	500025	42.861	ng	# 97
24) Nitrobenzene	7.375	77	361418	41.112	ng	97
25) Isophorone	7.610	82	667395	42.508	ng	97
26) 2-Nitrophenol	7.686	139	198082	45.832	ng	96
27) 2,4-Dimethylphenol	7.728	122	333377	62.557	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	414759	42.991	ng	98
29) 2,4-Dichlorophenol	7.928	162	316339	44.972	ng	98
30) 1,2,4-Trichlorobenzene	8.010	180	345143	42.079	ng	96
31) Naphthalene	8.092	128	1086802	41.716	ng	99
32) Benzoic acid	7.869	122	217423	41.127	ng	97
33) 4-Chloroaniline	8.139	127	175709	18.918	ng	99
34) Hexachlorobutadiene	8.204	225	199000	40.938	ng	98
35) Caprolactam	8.522	113	100572m	46.428	ng	
36) 4-Chloro-3-methylphenol	8.633	107	335037	44.858	ng	98
37) 2-Methylnaphthalene	8.780	142	713163	43.028	ng	95
38) 1-Methylnaphthalene	8.880	142	661910	40.698	ng	97
40) 1,2,4,5-Tetrachloroben...	8.951	216	337160	43.347	ng	98
41) Hexachlorocyclopentadiene	8.933	237	415981	144.357	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	227164	44.854	ng	99

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44) 2,4,5-Trichlorophenol	9.110	196	245041	43.350	ng	92
46) 1,1'-Biphenyl	9.251	154	911359	42.841	ng	98
47) 2-Chloronaphthalene	9.275	162	702987	42.457	ng	98
48) 2-Nitroaniline	9.375	65	192214	43.284	ng	88
49) Acenaphthylene	9.686	152	1040175	44.100	ng	99
50) Dimethylphthalate	9.557	163	824725	44.806	ng	99
51) 2,6-Dinitrotoluene	9.616	165	182302	44.024	ng	96
52) Acenaphthene	9.863	154	658021	43.536	ng	97
53) 3-Nitroaniline	9.786	138	124857	29.527	ng	96
54) 2,4-Dinitrophenol	9.898	184	194438	92.869	ng	94
55) Dibenzofuran	10.033	168	961466	43.544	ng	99
56) 4-Nitrophenol	9.963	139	289699	91.388	ng	98
57) 2,4-Dinitrotoluene	10.027	165	241622	44.108	ng	95
58) Fluorene	10.380	166	768214	43.342	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	211553	46.723	ng	99
60) Diethylphthalate	10.257	149	788168	43.546	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	378307	43.783	ng	97
62) 4-Nitroaniline	10.410	138	183057	43.597	ng	97
63) Azobenzene	10.533	77	703123	42.679	ng	100
65) 4,6-Dinitro-2-methylph...	10.433	198	136522	46.630	ng	92
66) n-Nitrosodiphenylamine	10.492	169	681133	44.902	ng	98
67) 4-Bromophenyl-phenylether	10.863	248	243303	44.266	ng	97
68) Hexachlorobenzene	10.921	284	281733	44.349	ng	99
69) Atrazine	11.027	200	239297	55.270	ng	98
70) Pentachlorophenol	11.121	266	280578	78.258	ng	99
71) Phenanthrene	11.345	178	1162462	44.737	ng	100
72) Anthracene	11.392	178	1193766	45.613	ng	98
73) Carbazole	11.551	167	1023574	44.188	ng	100
74) Di-n-butylphthalate	11.886	149	1270552	44.743	ng	99
75) Fluoranthene	12.533	202	1183800	43.474	ng	99
77) Benzidine	12.657	184	299547	45.159	ng	98
78) Pyrene	12.763	202	1184549	45.206	ng	99
80) Butylbenzylphthalate	13.392	149	462076	49.537	ng	99
81) Benzo(a)anthracene	13.957	228	862126	46.259	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	187810	35.941	ng	100
83) Chrysene	13.998	228	825055	44.996	ng	100
84) Bis(2-ethylhexyl)phtha...	13.951	149	604782	52.888	ng	100
85) Di-n-octyl phthalate	14.568	149	911838	53.984	ng	98
87) Indeno(1,2,3-cd)pyrene	16.950	276	824802	48.787	ng	99
88) Benzo(b)fluoranthene	15.009	252	762155	45.807	ng	98
89) Benzo(k)fluoranthene	15.045	252	683890	43.615	ng	98
90) Benzo(a)pyrene	15.380	252	627109	45.638	ng	99
91) Dibenzo(a,h)anthracene	16.968	278	686503	49.567	ng	100
92) Benzo(g,h,i)perylene	17.409	276	663048	46.642	ng	99

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

