

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110724\
 Data File : BF140272.D
 Acq On : 07 Nov 2024 14:00
 Operator : RC/JU
 Sample : P4718-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WB-307-SB02MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/08/2024
 Supervised By :mohammad ahmed 11/11/2024

Quant Time: Nov 07 14:42:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 05 16:47:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	123564	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	474391	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	274410	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	511867	20.000	ng	0.00
76) Chrysene-d12	14.063	240	275517	20.000	ng	0.00
86) Perylene-d12	15.580	264	287359	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	805163	107.986	ng	0.00
7) Phenol-d6	6.504	99	1046033	109.070	ng	0.00
23) Nitrobenzene-d5	7.439	82	683568	71.641	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	329281	121.398	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1235148	71.874	ng	0.00
79) Terphenyl-d14	12.992	244	1350611	80.303	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.710	88	159894	46.644	ng	94
3) Pyridine	3.463	79	401853	48.044	ng	96
4) n-Nitrosodimethylamine	3.422	42	229762	47.579	ng	92
6) Aniline	6.540	93	447659	51.665	ng	99
8) 2-Chlorophenol	6.657	128	423877	54.333	ng	96
9) Benzaldehyde	6.428	77	60676	10.271	ng	93
10) Phenol	6.516	94	539287	52.946	ng	94
11) bis(2-Chloroethyl)ether	6.610	93	402349	51.999	ng	97
12) 1,3-Dichlorobenzene	6.816	146	454992	49.769	ng	99
13) 1,4-Dichlorobenzene	6.892	146	464526	50.380	ng	98
14) 1,2-Dichlorobenzene	7.045	146	443352	51.482	ng	98
15) Benzyl Alcohol	7.016	79	390494	52.818	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.145	45	631690	50.436	ng	98
17) 2-Methylphenol	7.122	107	343978	52.855	ng	99
18) Hexachloroethane	7.387	117	171286	49.871	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	307934	50.330	ng	95
20) 3+4-Methylphenols	7.275	107	425056	52.004	ng	95
22) Acetophenone	7.281	105	577350	49.087	ng	98
24) Nitrobenzene	7.457	77	475696	47.513	ng	97
25) Isophorone	7.692	82	832705	50.684	ng	100
26) 2-Nitrophenol	7.775	139	218788	54.936	ng	95
27) 2,4-Dimethylphenol	7.804	122	337920	62.369	ng	96
28) bis(2-Chloroethoxy)met...	7.904	93	486262	49.458	ng	99
29) 2,4-Dichlorophenol	8.010	162	349832	52.192	ng	100
30) 1,2,4-Trichlorobenzene	8.098	180	384857	47.916	ng	99
31) Naphthalene	8.181	128	1207757	49.303	ng	100
32) Benzoic acid	7.922	122	248410	55.867	ng	97
33) 4-Chloroaniline	8.228	127	281553	34.912	ng	96
34) Hexachlorobutadiene	8.292	225	259986	47.822	ng	99
35) Caprolactam	8.592	113	114665m	56.235	ng	
36) 4-Chloro-3-methylphenol	8.704	107	387719	51.953	ng	97
37) 2-Methylnaphthalene	8.869	142	813182	50.863	ng	99
38) 1-Methylnaphthalene	8.969	142	759242	48.450	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	409102	50.925	ng	99
41) Hexachlorocyclopentadiene	9.022	237	444962	197.667	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	267747	53.784	ng	99

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44) 2,4,5-Trichlorophenol	9.192	196	275023	52.543	ng	98
46) 1,1'-Biphenyl	9.339	154	993478	50.087	ng	100
47) 2-Chloronaphthalene	9.363	162	738129	49.444	ng	99
48) 2-Nitroaniline	9.457	65	262434	52.565	ng	95
49) Acenaphthylene	9.781	152	1169473	55.332	ng	99
50) Dimethylphthalate	9.639	163	897596	53.113	ng	99
51) 2,6-Dinitrotoluene	9.698	165	205237	51.665	ng	98
52) Acenaphthene	9.951	154	886215	59.116	ng	99
53) 3-Nitroaniline	9.869	138	152512	40.773	ng	97
54) 2,4-Dinitrophenol	9.980	184	227925	114.085	ng	88
55) Dibenzofuran	10.128	168	1102187	52.578	ng	99
56) 4-Nitrophenol	10.033	139	323914	123.159	ng	95
57) 2,4-Dinitrotoluene	10.104	165	285151	55.316	ng	95
58) Fluorene	10.469	166	861124	51.605	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	250027	58.310	ng	97
60) Diethylphthalate	10.339	149	886313	52.776	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	435218	51.750	ng	98
62) 4-Nitroaniline	10.486	138	205277	55.224	ng	96
63) Azobenzene	10.622	77	991091	56.929	ng	94
65) 4,6-Dinitro-2-methylph...	10.516	198	161606	60.114	ng	94
66) n-Nitrosodiphenylamine	10.580	169	764584	51.934	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	282599	51.270	ng	98
68) Hexachlorobenzene	11.016	284	316279	50.340	ng	96
69) Atrazine	11.104	200	279153	69.306	ng	99
70) Pentachlorophenol	11.210	266	375354	111.257	ng	98
71) Phenanthrene	11.433	178	1278587	52.341	ng	99
72) Anthracene	11.486	178	1310930	54.728	ng	100
73) Carbazole	11.639	167	1140760	52.121	ng	100
74) Di-n-butylphthalate	11.969	149	1387600	53.560	ng	100
75) Fluoranthene	12.621	202	1259503	49.309	ng	99
77) Benzidine	12.745	184	489668	90.901	ng	99
78) Pyrene	12.851	202	1252636	55.064	ng	99
80) Butylbenzylphthalate	13.469	149	483213	58.990	ng	97
81) Benzo(a)anthracene	14.057	228	963003	54.464	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	252806	45.530	ng	99
83) Chrysene	14.092	228	880430	53.173	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	613533	53.440	ng	100
85) Di-n-octyl phthalate	14.692	149	927048	53.648	ng	97
87) Indeno(1,2,3-cd)pyrene	17.098	276	834095	49.449	ng	100
88) Benzo(b)fluoranthene	15.145	252	970890	55.857	ng	99
89) Benzo(k)fluoranthene	15.174	252	781160	48.977	ng	99
90) Benzo(a)pyrene	15.521	252	821561	57.328	ng	100
91) Dibenzo(a,h)anthracene	17.115	278	688310	49.598	ng	100
92) Benzo(g,h,i)perylene	17.551	276	598771	42.296	ng	99

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

