

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
 Data File : BF139623.D
 Acq On : 03 Oct 2024 11:19
 Operator : RC/JU
 Sample : PB163732BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163732BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/04/2024
 Supervised By :mohammad ahmed 10/05/2024

Quant Time: Oct 03 11:43:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	100352	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	394145	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	234306	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	443538	20.000	ng	0.00
76) Chrysene-d12	14.033	240	243056	20.000	ng	0.00
86) Perylene-d12	15.498	264	214719	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	816741	141.065	ng	0.02
7) Phenol-d6	6.504	99	1098476	141.082	ng	0.00
23) Nitrobenzene-d5	7.434	82	723848	92.983	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	308141	136.234	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1360045	89.111	ng	0.00
79) Terphenyl-d14	12.980	244	1499624	101.237	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.752	88	105936	42.320	ng	98
3) Pyridine	3.493	79	294940	48.447	ng	99
4) n-Nitrosodimethylamine	3.458	42	201023	50.446	ng	100
6) Aniline	6.534	93	371591	53.782	ng	96
8) 2-Chlorophenol	6.657	128	328376	52.937	ng	98
9) Benzaldehyde	6.416	77	48674	11.801	ng	99
10) Phenol	6.522	94	426227	52.061	ng	85
11) bis(2-Chloroethyl)ether	6.604	93	311557	46.738	ng	98
12) 1,3-Dichlorobenzene	6.810	146	332925	47.709	ng	99
13) 1,4-Dichlorobenzene	6.887	146	337535	47.758	ng	99
14) 1,2-Dichlorobenzene	7.040	146	323964	48.908	ng	99
15) Benzyl Alcohol	7.016	79	321466	54.036	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.140	45	577706	50.061	ng	86
17) 2-Methylphenol	7.128	107	271010	52.333	ng	97
18) Hexachloroethane	7.381	117	126141	47.850	ng	100
19) n-Nitroso-di-n-propyla...	7.287	70	252413	50.424	ng	99
20) 3+4-Methylphenols	7.281	107	339973	52.267	ng	94
22) Acetophenone	7.281	105	458402	48.997	ng	100
24) Nitrobenzene	7.457	77	387051	48.015	ng	100
25) Isophorone	7.693	82	698600	50.526	ng	99
26) 2-Nitrophenol	7.769	139	180132	51.979	ng	99
27) 2,4-Dimethylphenol	7.804	122	268276m	63.237	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	402364	48.733	ng	99
29) 2,4-Dichlorophenol	8.010	162	287527	51.961	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	287940	46.012	ng	99
31) Naphthalene	8.175	128	976163	48.440	ng	100
32) Benzoic acid	7.945	122	220776	52.336	ng	99
33) 4-Chloroaniline	8.222	127	206013	30.201	ng	99
34) Hexachlorobutadiene	8.287	225	184899	45.657	ng	99
35) Caprolactam	8.604	113	97411m	53.671	ng	
36) 4-Chloro-3-methylphenol	8.710	107	329063	52.532	ng	99
37) 2-Methylnaphthalene	8.863	142	649360	49.475	ng	100
38) 1-Methylnaphthalene	8.963	142	598090	46.619	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	302443	46.484	ng	98
41) Hexachlorocyclopentadiene	9.016	237	353959	177.422	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	220411	50.252	ng	99

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44) 2,4,5-Trichlorophenol	9.192	196	227256	48.045	ng	99
46) 1,1'-Biphenyl	9.328	154	818254	46.953	ng	100
47) 2-Chloronaphthalene	9.357	162	608450	46.573	ng	99
48) 2-Nitroaniline	9.451	65	243859	51.998	ng	98
49) Acenaphthylene	9.769	152	1018315	51.254	ng	100
50) Dimethylphthalate	9.634	163	768664	50.115	ng	100
51) 2,6-Dinitrotoluene	9.698	165	167755	48.417	ng	95
52) Acenaphthene	9.945	154	741021m	54.329	ng	
53) 3-Nitroaniline	9.863	138	127079	35.891	ng	99
54) 2,4-Dinitrophenol	9.975	184	218580	117.291	ng	98
55) Dibenzofuran	10.116	168	922493	48.305	ng	99
56) 4-Nitrophenol	10.034	139	276117	102.262	ng	99
57) 2,4-Dinitrotoluene	10.104	165	226741	50.066	ng	94
58) Fluorene	10.457	166	740562	48.687	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.234	232	198244	51.891	ng	99
60) Diethylphthalate	10.334	149	782353	49.384	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	358349	47.091	ng	100
62) 4-Nitroaniline	10.486	138	181366	50.078	ng	99
63) Azobenzene	10.610	77	797315	50.045	ng	100
65) 4,6-Dinitro-2-methylph...	10.510	198	134751	53.792	ng	99
66) n-Nitrosodiphenylamine	10.569	169	658455	50.364	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	220460	48.478	ng	99
68) Hexachlorobenzene	11.004	284	238622	47.287	ng	100
69) Atrazine	11.098	200	215590	61.461	ng	99
70) Pentachlorophenol	11.198	266	283902	94.483	ng	99
71) Phenanthrene	11.422	178	1046356	50.033	ng	100
72) Anthracene	11.475	178	1066897	51.567	ng	100
73) Carbazole	11.628	167	973262	48.979	ng	100
74) Di-n-butylphthalate	11.951	149	1235440	51.127	ng	100
75) Fluoranthene	12.604	202	1106436	48.398	ng	99
77) Benzidine	12.727	184	341109	79.564	ng	100
78) Pyrene	12.839	202	1125751	51.786	ng	99
80) Butylbenzylphthalate	13.451	149	430637	55.382	ng	99
81) Benzo(a)anthracene	14.022	228	800055	50.066	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	201669	41.236	ng	99
83) Chrysene	14.063	228	745324	51.015	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	570066	58.712	ng	99
85) Di-n-octyl phthalate	14.621	149	816047	57.208	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	685986	54.280	ng	100
88) Benzo(b)fluoranthene	15.074	252	638415	45.984	ng	99
89) Benzo(k)fluoranthene	15.104	252	624186	53.001	ng	100
90) Benzo(a)pyrene	15.439	252	588055	53.718	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	563126	53.723	ng	99
92) Benzo(g,h,i)perylene	17.427	276	520250	49.489	ng	99

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

