

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
 Data File : BF140684.D
 Acq On : 02 Dec 2024 11:49
 Operator : RC/JU
 Sample : PB165296BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165296BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/03/2024
 Supervised By :mohammad ahmed 12/05/2024

Quant Time: Dec 02 12:08:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	80604	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	308077	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	176945	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	364189	20.000	ng	0.00
76) Chrysene-d12	14.057	240	185704	20.000	ng	0.00
86) Perylene-d12	15.574	264	166131	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	692805	146.652	ng	0.01
7) Phenol-d6	6.516	99	903376	144.646	ng	0.00
23) Nitrobenzene-d5	7.434	82	582394	96.695	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	281210	148.597	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1132946	95.398	ng	0.00
79) Terphenyl-d14	12.986	244	1210322	101.486	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	93239	46.942	ng	98
3) Pyridine	3.504	79	230611	52.769	ng	99
4) n-Nitrosodimethylamine	3.457	42	127737	49.732	ng	93
6) Aniline	6.534	93	219946	50.035	ng	# 80
8) 2-Chlorophenol	6.663	128	280150	55.121	ng	95
9) Benzaldehyde	6.422	77	109584	33.145	ng	99
10) Phenol	6.528	94	346438	54.316	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	257628	52.785	ng	99
12) 1,3-Dichlorobenzene	6.810	146	292210	51.167	ng	98
13) 1,4-Dichlorobenzene	6.886	146	295568	51.114	ng	100
14) 1,2-Dichlorobenzene	7.039	146	280995	51.859	ng	99
15) Benzyl Alcohol	7.016	79	256161	55.307	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.139	45	321414	55.742	ng	88
17) 2-Methylphenol	7.134	107	220077	54.093	ng	96
18) Hexachloroethane	7.381	117	109807	50.844	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	192068	52.036	ng	98
20) 3+4-Methylphenols	7.286	107	284988	54.497	ng	# 89
22) Acetophenone	7.281	105	378802	50.435	ng	98
24) Nitrobenzene	7.457	77	305048	49.004	ng	97
25) Isophorone	7.692	82	527648	52.524	ng	100
26) 2-Nitrophenol	7.769	139	148127	53.696	ng	96
27) 2,4-Dimethylphenol	7.804	122	222294	67.349	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	319108	52.142	ng	100
29) 2,4-Dichlorophenol	8.016	162	235599	53.869	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	242992	48.660	ng	99
31) Naphthalene	8.175	128	813708	51.278	ng	99
32) Benzoic acid	7.945	122	124745	44.116	ng	97
33) 4-Chloroaniline	8.222	127	120649	25.394	ng	98
34) Hexachlorobutadiene	8.286	225	160950	48.661	ng	99
35) Caprolactam	8.598	113	75636m	55.882	ng	
36) 4-Chloro-3-methylphenol	8.716	107	261939	53.492	ng	97
37) 2-Methylnaphthalene	8.863	142	535775	53.157	ng	99
38) 1-Methylnaphthalene	8.963	142	501861	50.798	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	262079	50.594	ng	99
41) Hexachlorocyclopentadiene	9.016	237	210973	171.968	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	164699	50.670	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	180576	51.189	ng	96
46) 1,1'-Biphenyl	9.328	154	675689	51.146	ng	100
47) 2-Chloronaphthalene	9.357	162	508079	50.756	ng	98
48) 2-Nitroaniline	9.457	65	164563	51.217	ng	93
49) Acenaphthylene	9.769	152	830309	54.898	ng	100
50) Dimethylphthalate	9.627	163	608324	52.201	ng	100
51) 2,6-Dinitrotoluene	9.698	165	134865	51.028	ng	92
52) Acenaphthene	9.945	154	503250	52.367	ng	99
53) 3-Nitroaniline	9.869	138	81650	31.587	ng	95
54) 2,4-Dinitrophenol	9.986	184	124419	89.831	ng	93
55) Dibenzofuran	10.116	168	765188	52.201	ng	99
56) 4-Nitrophenol	10.045	139	171875	97.495	ng	93
57) 2,4-Dinitrotoluene	10.104	165	184382	52.492	ng	98
58) Fluorene	10.457	166	614046	52.188	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	157484	58.088	ng	92
60) Diethylphthalate	10.327	149	610240	51.540	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	297755	51.566	ng	99
62) 4-Nitroaniline	10.486	138	143529	52.941	ng	91
63) Azobenzene	10.610	77	594144	52.989	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	97268	52.266	ng	96
66) n-Nitrosodiphenylamine	10.569	169	529399	49.155	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	181073	48.279	ng	97
68) Hexachlorobenzene	11.010	284	212351	48.897	ng	98
69) Atrazine	11.098	200	182419	60.208	ng	97
70) Pentachlorophenol	11.210	266	174089	91.080	ng	98
71) Phenanthrene	11.427	178	931722	53.222	ng	99
72) Anthracene	11.480	178	935656	54.639	ng	100
73) Carbazole	11.633	167	870701	52.854	ng	100
74) Di-n-butylphthalate	11.951	149	982036	51.635	ng	100
75) Fluoranthene	12.616	202	889820	46.815	ng	99
77) Benzidine	12.739	184	195942	36.291	ng	99
78) Pyrene	12.845	202	902064	52.535	ng	99
80) Butylbenzylphthalate	13.457	149	343875	55.593	ng	98
81) Benzo(a)anthracene	14.051	228	688198	55.984	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	117561	31.853	ng	98
83) Chrysene	14.086	228	616772	54.871	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	444208	56.873	ng	98
85) Di-n-octyl phthalate	14.662	149	662453	62.062	ng	98
87) Indeno(1,2,3-cd)pyrene	17.098	276	539894	49.867	ng	98
88) Benzo(b)fluoranthene	15.133	252	578953	55.482	ng	99
89) Benzo(k)fluoranthene	15.162	252	492833	53.971	ng	98
90) Benzo(a)pyrene	15.509	252	529910	62.457	ng	98
91) Dibenzo(a,h)anthracene	17.103	278	440710	49.705	ng	99
92) Benzo(g,h,i)perylene	17.551	276	445308	49.217	ng	98

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

