

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
 Data File : BF136991.D
 Acq On : 08 Jan 2024 11:40
 Operator : CG\JU
 Sample : PB158264BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158264BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/09/2024
 Supervised By :mohammad ahmed 01/09/2024

Quant Time: Jan 08 12:00:36 2024
 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	87471	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	367152	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	181695	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	332613	20.000	ng	0.00
76) Chrysene-d12	13.974	240	157220	20.000	ng	0.00
86) Perylene-d12	15.457	264	139328	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	671083	119.706	ng	0.02
7) Phenol-d6	6.451	99	827219	113.877	ng	0.01
23) Nitrobenzene-d5	7.357	82	513768	71.605	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	229111	107.068	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	995426	73.686	ng	0.00
79) Terphenyl-d14	12.910	244	952499	84.664	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	67576	28.930	ng	95
3) Pyridine	3.405	79	160621	28.183	ng	94
4) n-Nitrosodimethylamine	3.363	42	114519	37.628	ng	97
6) Aniline	6.457	93	169857	23.388	ng	# 1
8) 2-Chlorophenol	6.581	128	267176	43.550	ng	94
9) Benzaldehyde	6.340	77	44653	10.807	ng	96
10) Phenol	6.463	94	314144	40.511	ng	86
11) bis(2-Chloroethyl)ether	6.528	93	244894	41.527	ng	98
12) 1,3-Dichlorobenzene	6.728	146	259807	38.820	ng	98
13) 1,4-Dichlorobenzene	6.804	146	264189	38.634	ng	98
14) 1,2-Dichlorobenzene	6.951	146	249806	39.258	ng	99
15) Benzyl Alcohol	6.940	79	211139	43.084	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.063	45	379474	39.358	ng	64
17) 2-Methylphenol	7.057	107	207787	40.884	ng	# 92
18) Hexachloroethane	7.287	117	93400	37.609	ng	98
19) n-Nitroso-di-n-propyla...	7.210	70	181839	41.294	ng	93
20) 3+4-Methylphenols	7.210	107	258542	40.719	ng	# 58
22) Acetophenone	7.198	105	360915	39.219	ng	# 89
24) Nitrobenzene	7.375	77	262916	36.580	ng	94
25) Isophorone	7.610	82	497088	38.075	ng	99
26) 2-Nitrophenol	7.687	139	140727	40.923	ng	98
27) 2,4-Dimethylphenol	7.728	122	210369	50.249	ng	97
28) bis(2-Chloroethoxy)met...	7.816	93	304836	38.412	ng	100
29) 2,4-Dichlorophenol	7.934	162	207462	38.491	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	228448	38.041	ng	98
31) Naphthalene	8.087	128	762342	37.795	ng	100
32) Benzoic acid	7.893	122	144373	35.641	ng	98
33) 4-Chloroaniline	8.140	127	159718	21.447	ng	97
34) Hexachlorobutadiene	8.198	225	131594	36.067	ng	99
35) Caprolactam	8.534	113	65360m	36.759	ng	
36) 4-Chloro-3-methylphenol	8.640	107	223336	36.807	ng	98
37) 2-Methylnaphthalene	8.781	142	487160	37.529	ng	99
38) 1-Methylnaphthalene	8.875	142	459403	36.073	ng	98
40) 1,2,4,5-Tetrachloroben...	8.945	216	231648	41.167	ng	98
41) Hexachlorocyclopentadiene	8.928	237	116866	66.048	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	143902	39.876	ng	98

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44) 2,4,5-Trichlorophenol	9.116	196	151957	37.787	ng	# 94
46) 1,1'-Biphenyl	9.245	154	600893	39.411	ng	99
47) 2-Chloronaphthalene	9.269	162	453210	39.100	ng	99
48) 2-Nitroaniline	9.375	65	140970	38.838	ng	96
49) Acenaphthylene	9.687	152	706258	39.864	ng	100
50) Dimethylphthalate	9.551	163	522737	39.388	ng	100
51) 2,6-Dinitrotoluene	9.622	165	112717	37.423	ng	95
52) Acenaphthene	9.857	154	426648	38.849	ng	98
53) 3-Nitroaniline	9.792	138	99721	31.254	ng	94
54) 2,4-Dinitrophenol	9.910	184	110918	67.079	ng	95
55) Dibenzofuran	10.034	168	626443	37.630	ng	98
56) 4-Nitrophenol	9.981	139	133182	61.834	ng	91
57) 2,4-Dinitrotoluene	10.034	165	140511	35.935	ng	95
58) Fluorene	10.375	166	509836	38.597	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	125578	40.567	ng	95
60) Diethylphthalate	10.251	149	520606	37.807	ng	98
61) 4-Chlorophenyl-phenyle...	10.369	204	245986	38.312	ng	93
62) 4-Nitroaniline	10.416	138	98918	32.160	ng	93
63) Azobenzene	10.528	77	480615	37.369	ng	98
65) 4,6-Dinitro-2-methylph...	10.445	198	76201	39.975	ng	88
66) n-Nitrosodiphenylamine	10.492	169	448370	41.497	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	148766	40.273	ng	99
68) Hexachlorobenzene	10.928	284	167656	40.728	ng	98
69) Atrazine	11.022	200	106902	38.683	ng	95
70) Pentachlorophenol	11.128	266	110474	57.575	ng	98
71) Phenanthrene	11.345	178	697479	40.868	ng	100
72) Anthracene	11.398	178	693483	40.123	ng	100
73) Carbazole	11.557	167	628293	38.556	ng	100
74) Di-n-butylphthalate	11.880	149	804623	40.465	ng	99
75) Fluoranthene	12.539	202	678671	37.177	ng	98
77) Benzidine	12.663	184	24276	5.237	ng	99
78) Pyrene	12.769	202	667088	43.223	ng	99
80) Butylbenzylphthalate	13.386	149	253981	45.225	ng	99
81) Benzo(a)anthracene	13.963	228	456845	41.846	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	126190	40.701	ng	99
83) Chrysene	14.004	228	427239	40.019	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	327414	46.338	ng	97
85) Di-n-octyl phthalate	14.563	149	476428	43.590	ng	97
87) Indeno(1,2,3-cd)pyrene	16.992	276	544398	54.117	ng	99
88) Benzo(b)fluoranthene	15.027	252	417142	44.826	ng	99
89) Benzo(k)fluoranthene	15.057	252	379589	43.169	ng	98
90) Benzo(a)pyrene	15.398	252	360114	45.845	ng	99
91) Dibenzo(a,h)anthracene	17.004	278	456537	55.318	ng	98
92) Benzo(g,h,i)perylene	17.451	276	455565	53.895	ng	99

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

