

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011024\
 Data File : BF137013.D
 Acq On : 10 Jan 2024 11:27
 Operator : CG\JU
 Sample : PB158316BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158316BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/11/2024
 Supervised By :mohammad ahmed 01/12/2024

Quant Time: Jan 10 11:50:01 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	74439	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	296117	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	158639	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	316111	20.000	ng	0.00
76) Chrysene-d12	13.980	240	189805	20.000	ng	0.01
86) Perylene-d12	15.462	264	143107	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	539869	113.160	ng	0.02
7) Phenol-d6	6.445	99	688585	111.388	ng	0.00
23) Nitrobenzene-d5	7.357	82	419584	72.507	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	217758	116.552	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	859012	72.829	ng	0.00
79) Terphenyl-d14	12.916	244	1027993	75.688	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.640	88	66618	33.513	ng	96
3) Pyridine	3.410	79	153497	31.648	ng	90
4) n-Nitrosodimethylamine	3.375	42	91085	35.168	ng	92
6) Aniline	6.457	93	206020	33.333	ng	# 8
8) 2-Chlorophenol	6.581	128	209894	40.203	ng	93
9) Benzaldehyde	6.339	77	74445	21.172	ng	94
10) Phenol	6.457	94	250511	37.961	ng	92
11) bis(2-Chloroethyl)ether	6.528	93	190090	37.877	ng	97
12) 1,3-Dichlorobenzene	6.728	146	208506	36.609	ng	97
13) 1,4-Dichlorobenzene	6.804	146	213982	36.770	ng	98
14) 1,2-Dichlorobenzene	6.951	146	202446	37.385	ng	97
15) Benzyl Alcohol	6.939	79	167885	40.255	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.057	45	299583	36.512	ng	# 30
17) 2-Methylphenol	7.057	107	167894	38.818	ng	# 92
18) Hexachloroethane	7.286	117	77187	36.522	ng	98
19) n-Nitroso-di-n-propyla...	7.204	70	143626	38.327	ng	95
20) 3+4-Methylphenols	7.210	107	217500	40.252	ng	# 54
22) Acetophenone	7.198	105	291013	39.209	ng	# 89
24) Nitrobenzene	7.375	77	206914	35.694	ng	93
25) Isophorone	7.610	82	395078	37.520	ng	99
26) 2-Nitrophenol	7.686	139	111406	40.168	ng	98
27) 2,4-Dimethylphenol	7.728	122	188922	55.951	ng	100
28) bis(2-Chloroethoxy)met...	7.816	93	241831	37.783	ng	99
29) 2,4-Dichlorophenol	7.933	162	173592	39.934	ng	95
30) 1,2,4-Trichlorobenzene	8.004	180	181543	37.483	ng	97
31) Naphthalene	8.086	128	608343	37.395	ng	99
32) Benzoic acid	7.886	122	124979	38.255	ng	97
33) 4-Chloroaniline	8.139	127	131588	21.908	ng	97
34) Hexachlorobutadiene	8.198	225	104889	35.644	ng	98
35) Caprolactam	8.528	113	61329m	42.766	ng	
36) 4-Chloro-3-methylphenol	8.645	107	196118	40.075	ng	97
37) 2-Methylnaphthalene	8.780	142	397272	37.946	ng	98
38) 1-Methylnaphthalene	8.875	142	372528	36.268	ng	98
40) 1,2,4,5-Tetrachloroben...	8.945	216	191036	38.884	ng	99
41) Hexachlorocyclopentadiene	8.928	237	111964	71.997	ng	97
43) 2,4,6-Trichlorophenol	9.069	196	124408	39.485	ng	96

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44) 2,4,5-Trichlorophenol	9.116	196	135061	38.467	ng	96
46) 1,1'-Biphenyl	9.245	154	511113	38.394	ng	99
47) 2-Chloronaphthalene	9.269	162	377561	37.308	ng	100
48) 2-Nitroaniline	9.375	65	124058	39.146	ng	95
49) Acenaphthylene	9.686	152	607300	39.260	ng	99
50) Dimethylphthalate	9.551	163	460857	39.772	ng	99
51) 2,6-Dinitrotoluene	9.622	165	101047	38.424	ng	96
52) Acenaphthene	9.857	154	368769	38.459	ng	97
53) 3-Nitroaniline	9.792	138	85556	30.712	ng	88
54) 2,4-Dinitrophenol	9.910	184	98514	68.172	ng	91
55) Dibenzofuran	10.033	168	555968	38.250	ng	99
56) 4-Nitrophenol	9.980	139	122852	65.328	ng	95
57) 2,4-Dinitrotoluene	10.033	165	128717	37.703	ng	95
58) Fluorene	10.380	166	454852	39.439	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	114797	42.474	ng	96
60) Diethylphthalate	10.251	149	471953	39.255	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	216668	38.650	ng	94
62) 4-Nitroaniline	10.416	138	103645	38.594	ng	93
63) Azobenzene	10.527	77	429749	38.271	ng	97
65) 4,6-Dinitro-2-methylph...	10.445	198	72109	39.803	ng	99
66) n-Nitrosodiphenylamine	10.492	169	407127	39.647	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	134327	38.263	ng	97
68) Hexachlorobenzene	10.927	284	148048	37.842	ng	98
69) Atrazine	11.033	200	186437	70.985	ng	99
70) Pentachlorophenol	11.133	266	136826	75.032	ng	97
71) Phenanthrene	11.345	178	658643	40.607	ng	99
72) Anthracene	11.398	178	673282	40.988	ng	99
73) Carbazole	11.557	167	629300	40.634	ng	99
74) Di-n-butylphthalate	11.880	149	771098	40.803	ng	99
75) Fluoranthene	12.539	202	709902	40.917	ng	96
77) Benzidine	12.663	184	130543	23.326	ng	99
78) Pyrene	12.774	202	708030	38.000	ng	99
80) Butylbenzylphthalate	13.392	149	291447	42.987	ng	97
81) Benzo(a)anthracene	13.968	228	532877	40.431	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	139540	37.281	ng	95
83) Chrysene	14.010	228	498325	38.664	ng	98
84) Bis(2-ethylhexyl)phtha...	13.951	149	399497	46.833	ng	98
85) Di-n-octyl phthalate	14.568	149	584518	44.298	ng	98
87) Indeno(1,2,3-cd)pyrene	17.003	276	437860	42.377	ng	100
88) Benzo(b)fluoranthene	15.033	252	408394	42.727	ng	98
89) Benzo(k)fluoranthene	15.062	252	389528	43.129	ng	99
90) Benzo(a)pyrene	15.404	252	341064	42.273	ng	99
91) Dibenzo(a,h)anthracene	17.009	278	363506	42.882	ng	98
92) Benzo(g,h,i)perylene	17.456	276	363379	41.854	ng	99

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

