

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
 Data File : BF137004.D
 Acq On : 08 Jan 2024 20:04
 Operator : CG\JU
 Sample : P1051-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 340MS

Manual Integrations
 APPROVED

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

Quant Time: Jan 09 00:42:43 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	6.786	152	64594	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	252220	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	122352	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	200631	20.000	ng	0.00
76) Chrysene-d12	13.968	240	114575	20.000	ng	0.00
86) Perylene-d12	15.456	264	130000	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	417772	100.914	ng	0.01
7) Phenol-d6	6.439	99	521754	97.264	ng	0.00
23) Nitrobenzene-d5	7.351	82	325388	66.016	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	131836	91.491	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	617207	67.848	ng	-0.01
79) Terphenyl-d14	12.904	244	465723	56.804	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	68196	39.536	ng	98
3) Pyridine	3.387	79	157484	37.419	ng	97
4) n-Nitrosodimethylamine	3.357	42	91430	40.681	ng	95
6) Aniline	6.451	93	189905	35.409	ng	# 23
8) 2-Chlorophenol	6.581	128	202216	44.635	ng	91
9) Benzaldehyde	6.339	77	33969	11.133	ng	98
10) Phenol	6.451	94	244803	42.750	ng	88
11) bis(2-Chloroethyl)ether	6.528	93	184761	42.426	ng	99
12) 1,3-Dichlorobenzene	6.728	146	206956	41.875	ng	96
13) 1,4-Dichlorobenzene	6.804	146	209642	41.515	ng	97
14) 1,2-Dichlorobenzene	6.951	146	199420	42.439	ng	99
15) Benzyl Alcohol	6.934	79	153673	42.463	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	289464	40.656	ng	81
17) 2-Methylphenol	7.051	107	156417	41.676	ng	94
18) Hexachloroethane	7.286	117	81070	44.205	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	147725	45.429	ng	94
20) 3+4-Methylphenols	7.204	107	200953	42.858	ng	# 68
22) Acetophenone	7.198	105	285920	45.227	ng	# 89
24) Nitrobenzene	7.369	77	196582	39.814	ng	97
25) Isophorone	7.610	82	370065	41.262	ng	97
26) 2-Nitrophenol	7.686	139	105288	44.570	ng	98
27) 2,4-Dimethylphenol	7.728	122	154717	53.796	ng	96
28) bis(2-Chloroethoxy)met...	7.816	93	226990	41.637	ng	98
29) 2,4-Dichlorophenol	7.933	162	158946	42.928	ng	95
30) 1,2,4-Trichlorobenzene	8.004	180	171340	41.533	ng	99
31) Naphthalene	8.086	128	581665	41.978	ng	99
32) Benzoic acid	7.875	122	108276	38.910	ng	90
33) 4-Chloroaniline	8.139	127	85103	16.635	ng	96
34) Hexachlorobutadiene	8.198	225	100361	40.041	ng	99
35) Caprolactam	8.522	113	53473m	43.778	ng	
36) 4-Chloro-3-methylphenol	8.639	107	170151	40.820	ng	96
37) 2-Methylnaphthalene	8.775	142	362702	40.673	ng	98
38) 1-Methylnaphthalene	8.875	142	350210	40.029	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	178977	47.234	ng	98
41) Hexachlorocyclopentadiene	8.922	237	81686	68.370	ng	97
43) 2,4,6-Trichlorophenol	9.063	196	109975	45.256	ng	98

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44) 2,4,5-Trichlorophenol	9.110	196	115760	42.748	ng	92
46) 1,1'-Biphenyl	9.245	154	472745	46.044	ng	98
47) 2-Chloronaphthalene	9.269	162	323974	41.507	ng	99
48) 2-Nitroaniline	9.375	65	104186	42.626	ng	90
49) Acenaphthylene	9.686	152	560625	46.992	ng	98
50) Dimethylphthalate	9.545	163	393293	44.008	ng	99
51) 2,6-Dinitrotoluene	9.616	165	84281	41.554	ng	95
52) Acenaphthene	9.857	154	314751	42.561	ng	99
53) 3-Nitroaniline	9.786	138	65716	30.586	ng	93
54) 2,4-Dinitrophenol	9.904	184	56655	51.783	ng	96
55) Dibenzofuran	10.027	168	474720	42.347	ng	100
56) 4-Nitrophenol	9.969	139	91021	62.756	ng	95
57) 2,4-Dinitrotoluene	10.022	165	104649	39.745	ng	93
58) Fluorene	10.374	166	376507	42.328	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	87245m	41.853	ng	
60) Diethylphthalate	10.245	149	391270	42.196	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	181576	41.997	ng	98
62) 4-Nitroaniline	10.404	138	72775	35.136	ng	93
63) Azobenzene	10.527	77	348116	40.195	ng	96
65) 4,6-Dinitro-2-methylph...	10.439	198	40880	35.554	ng	80
66) n-Nitrosodiphenylamine	10.486	169	327472	50.246	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	103834	46.601	ng	94
68) Hexachlorobenzene	10.921	284	110244	44.398	ng	96
69) Atrazine	11.021	200	97763	58.647	ng	98
70) Pentachlorophenol	11.127	266	84594	73.090	ng	97
71) Phenanthrene	11.339	178	510795	49.618	ng	100
72) Anthracene	11.392	178	473723	45.439	ng	99
73) Carbazole	11.551	167	406793	41.385	ng	100
74) Di-n-butylphthalate	11.880	149	546391	45.554	ng	99
75) Fluoranthene	12.533	202	502048	45.593	ng	98
77) Benzidine	12.663	184	177133	52.432	ng	99
78) Pyrene	12.763	202	487674	43.359	ng	99
80) Butylbenzylphthalate	13.386	149	179730	43.916	ng	94
81) Benzo(a)anthracene	13.962	228	393423	49.450	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	109350	48.397	ng	99
83) Chrysene	13.998	228	359783	46.244	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	249098	48.375	ng	98
85) Di-n-octyl phthalate	14.562	149	422162	53.001	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	373482	39.791	ng	100
88) Benzo(b)fluoranthene	15.021	252	420949	48.481	ng	98
89) Benzo(k)fluoranthene	15.051	252	319074	38.890	ng	99
90) Benzo(a)pyrene	15.398	252	341714	46.624	ng	98
91) Dibenzo(a,h)anthracene	16.992	278	299552	38.901	ng	98
92) Benzo(g,h,i)perylene	17.439	276	286772	36.361	ng	98

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

