

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021925\
 Data File : BF141677.D
 Acq On : 19 Feb 2025 16:15
 Operator : RC/JU
 Sample : Q1382-05MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-TC-03-021725MS

Quant Time: Feb 19 16:43:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 02/20/2025
 Supervised By :Jagrut Upadhyay 02/20/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	95510	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	374733	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	200650	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	333707	20.000	ng	-0.01
76) Chrysene-d12	13.939	240	180081	20.000	ng	-0.02
86) Perylene-d12	15.380	264	179352	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	565413	92.809	ng	0.00
7) Phenol-d6	6.428	99	702408	91.221	ng	-0.01
23) Nitrobenzene-d5	7.345	82	450641	62.724	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	191055	94.787	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	858709	65.934	ng	-0.01
79) Terphenyl-d14	12.880	244	861385	80.751	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.569	88	103515	42.217	ng	99
3) Pyridine	3.293	79	239019	40.965	ng	96
4) n-Nitrosodimethylamine	3.251	42	149372	38.663	ng	91
6) Aniline	6.445	93	230526	31.916	ng	# 79
8) 2-Chlorophenol	6.569	128	281209	42.718	ng	99
9) Benzaldehyde	6.334	77	121085	29.592	ng	97
10) Phenol	6.439	94	338058	42.182	ng	93
11) bis(2-Chloroethyl)ether	6.516	93	266882	44.336	ng	98
12) 1,3-Dichlorobenzene	6.722	146	296218	42.623	ng	97
13) 1,4-Dichlorobenzene	6.798	146	302151	42.553	ng	99
14) 1,2-Dichlorobenzene	6.951	146	288158	43.726	ng	98
15) Benzyl Alcohol	6.928	79	232440	39.365	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	410285	39.817	ng	75
17) 2-Methylphenol	7.045	107	211584	41.072	ng	98
18) Hexachloroethane	7.292	117	112726	42.897	ng	96
19) n-Nitroso-di-n-propyla...	7.198	70	187764	40.766	ng	95
20) 3+4-Methylphenols	7.198	107	276985	42.309	ng	98
22) Acetophenone	7.192	105	426488	45.752	ng	94
24) Nitrobenzene	7.369	77	287420	41.026	ng	97
25) Isophorone	7.604	82	510061	44.525	ng	99
26) 2-Nitrophenol	7.681	139	151108	43.353	ng	94
27) 2,4-Dimethylphenol	7.722	122	216726	53.225	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	311685	42.461	ng	99
29) 2,4-Dichlorophenol	7.928	162	232093	42.186	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	253830	42.368	ng	99
31) Naphthalene	8.086	128	795868	40.801	ng	100
32) Benzoic acid	7.863	122	149912	35.445	ng	98
33) 4-Chloroaniline	8.145	127	65872	9.672	ng	99
34) Hexachlorobutadiene	8.198	225	155138	43.134	ng	99
35) Caprolactam	8.510	113	77672m	46.369	ng	
36) 4-Chloro-3-methylphenol	8.633	107	243536	39.962	ng	99
37) 2-Methylnaphthalene	8.775	142	508670	40.074	ng	99
38) 1-Methylnaphthalene	8.875	142	489418	39.810	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	275699	47.493	ng	99
41) Hexachlorocyclopentadiene	8.928	237	255970	132.571	ng	98
43) 2,4,6-Trichlorophenol	9.057	196	158455	42.233	ng	99

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44) 2,4,5-Trichlorophenol	9.110	196	172303	42.375	ng	97
46) 1,1'-Biphenyl	9.239	154	727451	46.763	ng	99
47) 2-Chloronaphthalene	9.263	162	495484	43.074	ng	100
48) 2-Nitroaniline	9.363	65	156605	40.566	ng	98
49) Acenaphthylene	9.680	152	750489	43.863	ng	99
50) Dimethylphthalate	9.539	163	583488	42.835	ng	99
51) 2,6-Dinitrotoluene	9.610	165	128275	43.077	ng	94
52) Acenaphthene	9.851	154	477002	41.469	ng	100
53) 3-Nitroaniline	9.775	138	72407	22.592	ng	97
54) 2,4-Dinitrophenol	9.892	184	132098	74.641	ng	93
55) Dibenzofuran	10.022	168	678733	40.200	ng	99
56) 4-Nitrophenol	9.957	139	178716	75.117	ng	96
57) 2,4-Dinitrotoluene	10.016	165	169975	42.878	ng	96
58) Fluorene	10.363	166	549051	42.058	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	141640	40.460	ng	96
60) Diethylphthalate	10.239	149	554625	41.384	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	269191	42.862	ng	97
62) 4-Nitroaniline	10.392	138	126956	39.011	ng	97
63) Azobenzene	10.516	77	583356	43.784	ng	96
65) 4,6-Dinitro-2-methylph...	10.422	198	91244	39.361	ng	96
66) n-Nitrosodiphenylamine	10.474	169	474000	44.373	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	164082	43.994	ng	99
68) Hexachlorobenzene	10.916	284	172971	45.039	ng	98
69) Atrazine	11.010	200	172668	53.880	ng	99
70) Pentachlorophenol	11.116	266	172106	70.085	ng	98
71) Phenanthrene	11.327	178	787129	42.851	ng	100
72) Anthracene	11.380	178	813279	44.043	ng	100
73) Carbazole	11.539	167	679047	40.870	ng	100
74) Di-n-butylphthalate	11.863	149	823729	42.937	ng	100
75) Fluoranthene	12.516	202	759782	39.014	ng	99
77) Benzidine	12.639	184	236682	59.594	ng	100
78) Pyrene	12.739	202	748472	48.825	ng	99
80) Butylbenzylphthalate	13.357	149	278634	52.476	ng	99
81) Benzo(a)anthracene	13.927	228	516135	43.117	ng	99
82) 3,3'-Dichlorobenzidine	13.892	252	106463	31.048	ng	99
83) Chrysene	13.962	228	493010	44.604	ng	99
84) Bis(2-ethylhexyl)phtha...	13.915	149	344616	57.545	ng	99
85) Di-n-octyl phthalate	14.527	149	488300	57.156	ng	98
87) Indeno(1,2,3-cd)pyrene	16.821	276	583545	52.657	ng	99
88) Benzo(b)fluoranthene	14.962	252	504183	41.867	ng	99
89) Benzo(k)fluoranthene	14.992	252	378196	36.778	ng	99
90) Benzo(a)pyrene	15.321	252	434893	44.630	ng	99
91) Dibenzo(a,h)anthracene	16.827	278	475044	52.903	ng	98
92) Benzo(g,h,i)perylene	17.245	276	459907	48.943	ng	98

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

