

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
 Data File : BF141785.D
 Acq On : 26 Feb 2025 16:28
 Operator : RC/JU
 Sample : Q1422-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-154-SB01MSD

Quant Time: Feb 26 16:50:33 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
 02/27/2025

Supervised By :Jagrut
 Upadhyay
 02/27/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	75036	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	298435	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	168527	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	293184	20.000	ng	-0.01
76) Chrysene-d12	13.945	240	207473	20.000	ng	-0.02
86) Perylene-d12	15.386	264	181155	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	425044	88.805	ng	0.00
7) Phenol-d6	6.428	99	522001	86.289	ng	-0.01
23) Nitrobenzene-d5	7.345	82	325749	56.932	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	150690	89.011	ng	-0.02
45) 2-Fluorobiphenyl	9.134	172	630389	57.629	ng	-0.02
79) Terphenyl-d14	12.880	244	756858	61.584	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.516	88	80900	41.996	ng	92
3) Pyridine	3.252	79	178636	38.969	ng	92
4) n-Nitrosodimethylamine	3.199	42	101589	33.469	ng	84
6) Aniline	6.446	93	171258	30.180	ng	# 83
8) 2-Chlorophenol	6.569	128	217485	42.053	ng	99
9) Benzaldehyde	6.334	77	81158	25.246	ng	96
10) Phenol	6.440	94	263836	41.903	ng	93
11) bis(2-Chloroethyl)ether	6.516	93	195079	41.250	ng	97
12) 1,3-Dichlorobenzene	6.722	146	227029	41.581	ng	97
13) 1,4-Dichlorobenzene	6.798	146	231957	41.581	ng	98
14) 1,2-Dichlorobenzene	6.951	146	221610	42.803	ng	97
15) Benzyl Alcohol	6.928	79	182856	39.417	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.057	45	293439	36.247	ng	66
17) 2-Methylphenol	7.045	107	166674	41.183	ng	97
18) Hexachloroethane	7.287	117	84339	40.852	ng	98
19) n-Nitroso-di-n-propyla...	7.193	70	145832	40.301	ng	93
20) 3+4-Methylphenols	7.204	107	222606	43.280	ng	# 71
22) Acetophenone	7.193	105	329827	44.429	ng	# 90
24) Nitrobenzene	7.363	77	217972	39.067	ng	97
25) Isophorone	7.604	82	387811	42.509	ng	98
26) 2-Nitrophenol	7.681	139	115080	41.458	ng	94
27) 2,4-Dimethylphenol	7.722	122	171743	52.961	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	241119	41.246	ng	99
29) 2,4-Dichlorophenol	7.934	162	181869	41.509	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	194338	40.731	ng	99
31) Naphthalene	8.087	128	624072	40.173	ng	100
32) Benzoic acid	7.863	122	99126	29.429	ng	95
33) 4-Chloroaniline	8.145	127	74597	13.754	ng	97
34) Hexachlorobutadiene	8.198	225	118239	41.279	ng	100
35) Caprolactam	8.510	113	64715m	48.511	ng	
36) 4-Chloro-3-methylphenol	8.634	107	195052	40.189	ng	98
37) 2-Methylnaphthalene	8.775	142	401831	39.750	ng	99
38) 1-Methylnaphthalene	8.875	142	389031	39.734	ng	100
40) 1,2,4,5-Tetrachloroben...	8.940	216	219439	45.007	ng	99
41) Hexachlorocyclopentadiene	8.928	237	156048	96.225	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	125370	39.784	ng	98

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44) 2,4,5-Trichlorophenol	9.110	196	138616	40.588	ng	97
46) 1,1'-Biphenyl	9.239	154	585493	44.812	ng	100
47) 2-Chloronaphthalene	9.263	162	395944	40.981	ng	99
48) 2-Nitroaniline	9.369	65	127210	39.233	ng	90
49) Acenaphthylene	9.675	152	611703	42.566	ng	99
50) Dimethylphthalate	9.539	163	474328	41.459	ng	99
51) 2,6-Dinitrotoluene	9.610	165	105139	42.038	ng	91
52) Acenaphthene	9.851	154	384408	39.789	ng	100
53) 3-Nitroaniline	9.781	138	64657	24.019	ng	95
54) 2,4-Dinitrophenol	9.892	184	102814	69.168	ng	92
55) Dibenzofuran	10.022	168	552640	38.971	ng	99
56) 4-Nitrophenol	9.963	139	153270	76.701	ng	90
57) 2,4-Dinitrotoluene	10.016	165	141687	42.555	ng	98
58) Fluorene	10.363	166	454938	41.491	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	112869	38.387	ng	95
60) Diethylphthalate	10.239	149	450114	39.987	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	222533	42.187	ng	95
62) 4-Nitroaniline	10.392	138	111886	40.933	ng	96
63) Azobenzene	10.516	77	456115	40.760	ng	93
65) 4,6-Dinitro-2-methylph...	10.428	198	73772	36.223	ng	87
66) n-Nitrosodiphenylamine	10.475	169	396168	42.212	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	139213	42.486	ng	99
68) Hexachlorobenzene	10.916	284	145316	43.068	ng	97
69) Atrazine	11.004	200	152593	54.197	ng	99
70) Pentachlorophenol	11.116	266	143771	66.638	ng	99
71) Phenanthrene	11.328	178	680677	42.177	ng	100
72) Anthracene	11.381	178	711386	43.850	ng	100
73) Carbazole	11.539	167	621476	42.575	ng	99
74) Di-n-butylphthalate	11.863	149	735407	43.631	ng	100
75) Fluoranthene	12.516	202	722689	42.238	ng	100
77) Benzidine	12.639	184	232919	50.904	ng	100
78) Pyrene	12.745	202	744877	42.175	ng	100
80) Butylbenzylphthalate	13.357	149	289238	47.281	ng	99
81) Benzo(a)anthracene	13.933	228	587897	42.628	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	126340	31.980	ng	97
83) Chrysene	13.969	228	532846	41.843	ng	100
84) Bis(2-ethylhexyl)phtha...	13.916	149	379316	54.977	ng	100
85) Di-n-octyl phthalate	14.527	149	526238	53.464	ng	96
87) Indeno(1,2,3-cd)pyrene	16.833	276	526140	47.005	ng	99
88) Benzo(b)fluoranthene	14.969	252	442364	36.368	ng	99
89) Benzo(k)fluoranthene	14.998	252	457026	44.001	ng	99
90) Benzo(a)pyrene	15.327	252	428789	43.565	ng	99
91) Dibenzo(a,h)anthracene	16.839	278	426195	46.990	ng	99
92) Benzo(g,h,i)perylene	17.262	276	411835	43.391	ng	99

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

