

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
 Data File : BF134290.D
 Acq On : 14 Jul 2023 14:47
 Operator : CG\JU
 Sample : PB153784BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB153784BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2023
 Supervised By :mohammad ahmed 07/19/2023

Quant Time: Jul 15 00:25:27 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jul 14 22:51:27 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	66702	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	260890	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	133350	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	268844	20.000	ng	0.00
76) Chrysene-d12	14.039	240	213320	20.000	ng	0.00
86) Perylene-d12	15.545	264	206374	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	395851	99.272	ng	0.01
7) Phenol-d6	6.481	99	478891	97.656	ng	0.00
23) Nitrobenzene-d5	7.410	82	327171	67.600	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	193990	116.027	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	677441	73.860	ng	0.00
79) Terphenyl-d14	12.974	244	906810	68.415	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.646	88	34829	21.183	ng	98
3) Pyridine	3.446	79	91861	21.450	ng	97
4) n-Nitrosodimethylamine	3.381	42	70589	28.859	ng	96
6) Aniline	6.510	93	194012	32.512	ng	96
8) 2-Chlorophenol	6.628	128	144120	35.604	ng	99
9) Benzaldehyde	6.398	77	85402	29.565	ng	98
10) Phenol	6.498	94	178298	34.580	ng	92
11) bis(2-Chloroethyl)ether	6.581	93	126743	33.389	ng	95
12) 1,3-Dichlorobenzene	6.781	146	149747	34.700	ng	97
13) 1,4-Dichlorobenzene	6.857	146	152444	34.974	ng	98
14) 1,2-Dichlorobenzene	7.010	146	144910	35.498	ng	100
15) Benzyl Alcohol	6.986	79	130772	34.592	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.116	45	207506	30.899	ng	93
17) 2-Methylphenol	7.098	107	124187	34.261	ng	96
18) Hexachloroethane	7.351	117	58557	36.231	ng	94
19) n-Nitroso-di-n-propyla...	7.251	70	107717	34.637	ng	98
20) 3+4-Methylphenols	7.251	107	154212	35.069	ng	97
22) Acetophenone	7.251	105	207116	34.907	ng	# 98
24) Nitrobenzene	7.428	77	163314	33.393	ng	97
25) Isophorone	7.663	82	292062	33.204	ng	98
26) 2-Nitrophenol	7.739	139	80790	34.435	ng	92
27) 2,4-Dimethylphenol	7.781	122	129842	34.962	ng	97
28) bis(2-Chloroethoxy)met...	7.875	93	167488	32.885	ng	98
29) 2,4-Dichlorophenol	7.981	162	127106	34.515	ng	97
30) 1,2,4-Trichlorobenzene	8.063	180	134349	35.356	ng	98
31) Naphthalene	8.145	128	423195	33.582	ng	100
32) Benzoic acid	7.898	122	91156	32.756	ng	96
33) 4-Chloroaniline	8.198	127	138361	25.667	ng	96
34) Hexachlorobutadiene	8.257	225	85712	35.758	ng	98
35) Caprolactam	8.563	113	44040m	36.320	ng	
36) 4-Chloro-3-methylphenol	8.680	107	150265	36.321	ng	96
37) 2-Methylnaphthalene	8.839	142	294882	33.090	ng	98
38) 1-Methylnaphthalene	8.933	142	275896	33.303	ng	99
40) 1,2,4,5-Tetrachloroben...	9.004	216	141453	35.804	ng	99
41) Hexachlorocyclopentadiene	8.986	237	131166	69.982	ng	99
43) 2,4,6-Trichlorophenol	9.116	196	93591	34.800	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	101209	31.993	ng	97
46) 1,1'-Biphenyl	9.304	154	375534	35.107	ng	98
47) 2-Chloronaphthalene	9.327	162	280875	35.888	ng	99
48) 2-Nitroaniline	9.427	65	98520	34.540	ng	98
49) Acenaphthylene	9.745	152	465774	34.838	ng	99
50) Dimethylphthalate	9.604	163	352123	36.377	ng	100
51) 2,6-Dinitrotoluene	9.669	165	76021	36.463	ng	# 87
52) Acenaphthene	9.916	154	276305	35.616	ng	99
53) 3-Nitroaniline	9.839	138	73608	29.429	ng	95
54) 2,4-Dinitrophenol	9.957	184	82957	69.435	ng	97
55) Dibenzofuran	10.092	168	430654	35.520	ng	99
56) 4-Nitrophenol	10.010	139	116275	66.460	ng	87
57) 2,4-Dinitrotoluene	10.080	165	103102	37.446	ng	94
58) Fluorene	10.433	166	352555	37.377	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	91891	36.825	ng	98
60) Diethylphthalate	10.304	149	370915	36.779	ng	98
61) 4-Chlorophenyl-phenyle...	10.427	204	168619	37.094	ng	96
62) 4-Nitroaniline	10.463	138	86378	34.268	ng	91
63) Azobenzene	10.586	77	336258	35.249	ng	97
65) 4,6-Dinitro-2-methylph...	10.492	198	58940	40.212	ng	93
66) n-Nitrosodiphenylamine	10.545	169	308843	35.955	ng	98
67) 4-Bromophenyl-phenylether	10.916	248	105614	36.960	ng	91
68) Hexachlorobenzene	10.986	284	120957	39.867	ng	94
69) Atrazine	11.074	200	102354	43.079	ng	99
70) Pentachlorophenol	11.186	266	113785	62.724	ng	95
71) Phenanthrene	11.404	178	499430	36.902	ng	99
72) Anthracene	11.457	178	519183	36.882	ng	99
73) Carbazole	11.616	167	493129	38.272	ng	100
74) Di-n-butylphthalate	11.939	149	593613	38.742	ng	100
75) Fluoranthene	12.598	202	568374	38.846	ng	98
77) Benzidine	12.727	184	384928	75.836	ng	99
78) Pyrene	12.833	202	585645	29.500	ng	99
80) Butylbenzylphthalate	13.451	149	254263	34.150	ng	99
81) Benzo(a)anthracene	14.027	228	537631	36.341	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	166890	35.606	ng	98
83) Chrysene	14.068	228	498291	34.775	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	353411	41.309	ng	99
85) Di-n-octyl phthalate	14.633	149	583149	46.389	ng	99
87) Indeno(1,2,3-cd)pyrene	17.092	276	482681	33.706	ng	97
88) Benzo(b)fluoranthene	15.098	252	501402	41.319	ng	99
89) Benzo(k)fluoranthene	15.133	252	463879m	37.545	ng	
90) Benzo(a)pyrene	15.480	252	415363	35.397	ng	98
91) Dibenzo(a,h)anthracene	17.109	278	396912	33.934	ng	98
92) Benzo(g,h,i)perylene	17.568	276	383321	31.779	ng	# 94

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

