

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012724\
 Data File : BF137181.D
 Acq On : 26 Jan 2024 22:45
 Operator : CG\JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

ICVBF012724

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/29/2024
 Supervised By :mohammad ahmed 01/30/2024

Quant Time: Jan 27 02:16:39 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012724.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Jan 27 02:14:33 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	59428	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	243628	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	142661	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	287609	20.000	ng	# 0.00
76) Chrysene-d12	13.986	240	164764	20.000	ng	0.00
86) Perylene-d12	15.468	264	147229	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	327302	95.683	ng	0.00
7) Phenol-d6	6.434	99	433434	88.794	ng	0.00
23) Nitrobenzene-d5	7.369	82	457903	85.264	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	137440	86.230	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	824484	81.141	ng	0.00
79) Terphenyl-d14	12.933	244	1003567	85.432	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.569	88	78031	41.712	ng	99
3) Pyridine	3.328	79	151607	42.805	ng	97
4) n-Nitrosodimethylamine	3.293	42	74749	39.185	ng	95
6) Aniline	6.469	93	248919	43.200	ng	98
8) 2-Chlorophenol	6.587	128	177576	45.051	ng	98
9) Benzaldehyde	6.357	77	102066	52.779	ng	98
10) Phenol	6.451	94	248745	45.392	ng	100
11) bis(2-Chloroethyl)ether	6.545	93	161820	40.031	ng	99
12) 1,3-Dichlorobenzene	6.745	146	198489	42.437	ng	99
13) 1,4-Dichlorobenzene	6.822	146	196417	40.752	ng	95
14) 1,2-Dichlorobenzene	6.969	146	190683	42.191	ng	99
15) Benzyl Alcohol	6.945	79	165115	44.537	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	287588	40.385	ng	98
17) 2-Methylphenol	7.057	107	145259	43.161	ng	98
18) Hexachloroethane	7.310	117	74284	43.139	ng	98
19) n-Nitroso-di-n-propyla...	7.222	70	148834	42.128	ng	# 92
20) 3+4-Methylphenols	7.210	107	185092	44.948	ng	97
22) Acetophenone	7.216	105	274400	42.963	ng	99
24) Nitrobenzene	7.386	77	223467	43.582	ng	98
25) Isophorone	7.622	82	410589	40.897	ng	99
26) 2-Nitrophenol	7.698	139	82676	43.032	ng	99
27) 2,4-Dimethylphenol	7.734	122	120692	43.224	ng	96
28) bis(2-Chloroethoxy)met...	7.839	93	222892	42.144	ng	98
29) 2,4-Dichlorophenol	7.939	162	152269	45.303	ng	99
30) 1,2,4-Trichlorobenzene	8.022	180	178452	40.738	ng	99
31) Naphthalene	8.104	128	525241	40.722	ng	100
32) Benzoic acid	7.857	122	72650m	48.196	ng	
33) 4-Chloroaniline	8.151	127	195332	45.215	ng	96
34) Hexachlorobutadiene	8.222	225	117183	40.522	ng	99
35) Caprolactam	8.528	113	49656	44.737	ng	88
36) 4-Chloro-3-methylphenol	8.633	107	179273	43.551	ng	100
37) 2-Methylnaphthalene	8.792	142	361079	41.181	ng	100
38) 1-Methylnaphthalene	8.892	142	333893	40.565	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	193874	40.891	ng	99
41) Hexachlorocyclopentadiene	8.945	237	96972	43.318	ng	100
43) 2,4,6-Trichlorophenol	9.069	196	115654	43.277	ng	96

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44) 2,4,5-Trichlorophenol	9.110	196	130094	47.071	ng	96
46) 1,1'-Biphenyl	9.263	154	462708	41.230	ng	99
47) 2-Chloronaphthalene	9.286	162	344393	41.531	ng	98
48) 2-Nitroaniline	9.380	65	123130	46.874	ng	95
49) Acenaphthylene	9.698	152	550816	41.081	ng	100
50) Dimethylphthalate	9.569	163	405697	40.912	ng	100
51) 2,6-Dinitrotoluene	9.628	165	90612	44.319	ng	99
52) Acenaphthene	9.875	154	326022	40.880	ng	99
53) 3-Nitroaniline	9.798	138	85723	42.628	ng	97
54) 2,4-Dinitrophenol	9.898	184	28755	44.721	ng	96
55) Dibenzofuran	10.045	168	514107	41.066	ng	99
56) 4-Nitrophenol	9.951	139	55298	43.066	ng	94
57) 2,4-Dinitrotoluene	10.028	165	122779	47.059	ng	99
58) Fluorene	10.392	166	402084	40.860	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	116695m	42.866	ng	
60) Diethylphthalate	10.269	149	409171	41.580	ng	100
61) 4-Chlorophenyl-phenyle...	10.386	204	199508	40.623	ng	99
62) 4-Nitroaniline	10.416	138	83125	44.464	ng	95
63) Azobenzene	10.545	77	436667	40.741	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	57901	42.992	ng	94
66) n-Nitrosodiphenylamine	10.504	169	353812	41.458	ng	99
67) 4-Bromophenyl-phenylether	10.875	248	132727	41.932	ng	# 89
68) Hexachlorobenzene	10.933	284	142084	40.604	ng	100
69) Atrazine	11.039	200	124116	42.123	ng	96
70) Pentachlorophenol	11.127	266	84189	43.463	ng	99
71) Phenanthrene	11.357	178	606621	40.768	ng	99
72) Anthracene	11.410	178	634834	41.340	ng	99
73) Carbazole	11.563	167	538242	41.387	ng	99
74) Di-n-butylphthalate	11.904	149	624041	42.014	ng	99
75) Fluoranthene	12.551	202	639750	40.052	ng	100
77) Benzidine	12.680	184	142908	42.823	ng	99
78) Pyrene	12.780	202	650335	42.876	ng	99
80) Butylbenzylphthalate	13.416	149	190734	41.628	ng	99
81) Benzo(a)anthracene	13.974	228	480219	40.772	ng	100
82) 3,3'-Dichlorobenzidine	13.945	252	139957	42.515	ng	99
83) Chrysene	14.015	228	464794	39.601	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	242473	45.112	ng	99
85) Di-n-octyl phthalate	14.604	149	333400	41.444	ng	98
87) Indeno(1,2,3-cd)pyrene	16.980	276	426242	44.176	ng	100
88) Benzo(b)fluoranthene	15.033	252	383101	40.617	ng	99
89) Benzo(k)fluoranthene	15.068	252	370844	38.948	ng	98
90) Benzo(a)pyrene	15.410	252	347200	40.808	ng	100
91) Dibenzo(a,h)anthracene	17.004	278	341643	44.290	ng	98
92) Benzo(g,h,i)perylene	17.433	276	333742	44.365	ng	98

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

