

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050324\
 Data File : BF137827.D
 Acq On : 03 May 2024 12:45
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/06/2024

Supervised By :mohammad ahmed 05/06/2024

Quant Time: May 03 13:33:11 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed May 01 03:25:08 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	133023	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	506516	20.000	ng	0.00
39) Acenaphthene-d10	10.098	164	430153	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	405072	20.000	ng	0.00
76) Chrysene-d12	14.239	240	250978	20.000	ng	-0.01
86) Perylene-d12	15.809	264	283658	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	859024	108.121	ng	0.00
7) Phenol-d6	6.669	99	1046541	103.849	ng	0.00
23) Nitrobenzene-d5	7.616	82	688575	78.981	ng	0.00
42) 2,4,6-Tribromophenol	10.892	330	398860	90.816	ng	0.00
45) 2-Fluorobiphenyl	9.410	172	2173093	81.960	ng	-0.01
79) Terphenyl-d14	13.174	244	1226736	81.913	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.951	88	163626	45.734	ng	96
3) Pyridine	3.722	79	327684	37.843	ng	98
4) n-Nitrosodimethylamine	3.687	42	154111	39.524	ng	94
6) Aniline	6.716	93	361923	36.235	ng	98
8) 2-Chlorophenol	6.839	128	336056	38.813	ng	98
9) Benzaldehyde	6.610	77	213981	39.429	ng	98
10) Phenol	6.681	94	381042	36.901	ng	94
11) bis(2-Chloroethyl)ether	6.786	93	296927	36.723	ng	99
12) 1,3-Dichlorobenzene	6.998	146	387788	39.717	ng	96
13) 1,4-Dichlorobenzene	7.075	146	396225	40.443	ng	97
14) 1,2-Dichlorobenzene	7.228	146	369376	40.030	ng	99
15) Benzyl Alcohol	7.186	79	272271	39.068	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.322	45	382231	33.633	ng	96
17) 2-Methylphenol	7.286	107	266268	38.112	ng	99
18) Hexachloroethane	7.569	117	135530	40.921	ng	99
19) n-Nitroso-di-n-propyla...	7.457	70	212911	35.353	ng	98
20) 3+4-Methylphenols	7.439	107	355717	38.699	ng	97
22) Acetophenone	7.457	105	449659	39.472	ng	99
24) Nitrobenzene	7.633	77	350158	38.969	ng	99
25) Isophorone	7.869	82	581564	36.997	ng	100
26) 2-Nitrophenol	7.951	139	171302	42.099	ng	97
27) 2,4-Dimethylphenol	7.975	122	223481	38.150	ng	95
28) bis(2-Chloroethoxy)met...	8.075	93	360863	37.916	ng	99
29) 2,4-Dichlorophenol	8.186	162	278665	39.356	ng	98
30) 1,2,4-Trichlorobenzene	8.275	180	311526	40.359	ng	99
31) Naphthalene	8.363	128	996066	39.571	ng	99
32) Benzoic acid	8.069	122	190137	37.623	ng	95
33) 4-Chloroaniline	8.404	127	330401	35.397	ng	99
34) Hexachlorobutadiene	8.469	225	203603	42.964	ng	98
35) Caprolactam	8.769	113	114589m	51.078	ng	
36) 4-Chloro-3-methylphenol	8.869	107	412252	55.832	ng	95
37) 2-Methylnaphthalene	9.051	142	980392	60.170	ng	100
38) 1-Methylnaphthalene	9.151	142	896761	55.942	ng	99
40) 1,2,4,5-Tetrachloroben...	9.216	216	452586	39.725	ng	100
41) Hexachlorocyclopentadiene	9.198	237	192330	41.562	ng	100
43) 2,4,6-Trichlorophenol	9.322	196	285465	36.810	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.357	196	340883	39.808	ng	96
46) 1,1'-Biphenyl	9.516	154	1221017	41.361	ng	97
47) 2-Chloronaphthalene	9.545	162	976345	40.965	ng	98
48) 2-Nitroaniline	9.633	65	252741	39.101	ng	99
49) Acenaphthylene	9.963	152	1355336	39.312	ng	99
50) Dimethylphthalate	9.810	163	1017274	37.462	ng	100
51) 2,6-Dinitrotoluene	9.874	165	237104	38.207	ng	90
52) Acenaphthene	10.133	154	889570	38.926	ng	99
53) 3-Nitroaniline	10.045	138	227902	35.069	ng	95
54) 2,4-Dinitrophenol	10.145	184	103885	34.069	ng	# 84
55) Dibenzofuran	10.304	168	1265341	38.048	ng	98
56) 4-Nitrophenol	10.186	139	175462	32.576	ng	97
57) 2,4-Dinitrotoluene	10.274	165	290371	35.815	ng	98
58) Fluorene	10.651	166	902246	34.089	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.416	232	240664	34.617	ng	98
60) Diethylphthalate	10.510	149	871841	33.805	ng	99
61) 4-Chlorophenyl-phenyle...	10.639	204	462809	35.489	ng	95
62) 4-Nitroaniline	10.657	138	192524	29.207	ng	97
63) Azobenzene	10.798	77	858589	34.445	ng	97
65) 4,6-Dinitro-2-methylph...	10.680	198	145143	62.428	ng	97
66) n-Nitrosodiphenylamine	10.751	169	768823	63.406	ng	98
67) 4-Bromophenyl-phenylether	11.127	248	180722	41.687	ng	94
68) Hexachlorobenzene	11.198	284	193425	40.829	ng	95
69) Atrazine	11.274	200	128399	34.729	ng	97
70) Pentachlorophenol	11.386	266	124679	38.333	ng	99
71) Phenanthrene	11.616	178	779066	39.459	ng	99
72) Anthracene	11.668	178	783628	39.890	ng	99
73) Carbazole	11.821	167	686783	36.275	ng	100
74) Di-n-butylphthalate	12.139	149	832655	40.317	ng	99
75) Fluoranthene	12.810	202	778043	36.050	ng	98
77) Benzidine	12.927	184	141667	24.406	ng	99
78) Pyrene	13.039	202	788137	39.606	ng	99
80) Butylbenzylphthalate	13.645	149	279312	44.238	ng	99
81) Benzo(a)anthracene	14.227	228	627280	39.077	ng	99
82) 3,3'-Dichlorobenzidine	14.186	252	210983	43.904	ng	99
83) Chrysene	14.268	228	601394	40.012	ng	99
84) Bis(2-ethylhexyl)phtha...	14.198	149	403740	50.739	ng	99
85) Di-n-octyl phthalate	14.827	149	670659	62.627	ng	98
87) Indeno(1,2,3-cd)pyrene	17.445	276	787933	48.859	ng	99
88) Benzo(b)fluoranthene	15.333	252	628082	35.589	ng	99
89) Benzo(k)fluoranthene	15.368	252	604186	35.420	ng	98
90) Benzo(a)pyrene	15.739	252	562037	39.035	ng	99
91) Dibenzo(a,h)anthracene	17.462	278	651325	49.618	ng	98
92) Benzo(g,h,i)perylene	17.945	276	662937	48.175	ng	97

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

