

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070822\
 Data File : BF129173.D
 Acq On : 08 Jul 2022 12:10
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Jagrut

Upadhyay

Quant Time: Jul 08 23:23:40 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jul 08 23:22:06 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
Internal Standards							07/11/2022
1) 1,4-Dichlorobenzene-d4	6.951	152	353877	20.000	ng	0.00	Supervised By :mohammad
21) Naphthalene-d8	8.233	136	1076636	20.000	ng	0.00	07/11/2022
39) Acenaphthene-d10	9.992	164	548045	20.000	ng	0.00	
64) Phenanthrene-d10	11.486	188	984717	20.000	ng	0.00	
76) Chrysene-d12	14.139	240	640935	20.000	ng	0.00	
86) Perylene-d12	15.656	264	532850	20.000	ng	0.00	
System Monitoring Compounds							
5) 2-Fluorophenol	5.575	112	1637660	78.239	ng	0.00	
7) Phenol-d6	6.575	99	2052115	78.938	ng	0.00	
23) Nitrobenzene-d5	7.516	82	1755227	97.241	ng	0.00	
42) 2,4,6-Tribromophenol	10.786	330	518805	87.060	ng	0.00	
45) 2-Fluorobiphenyl	9.310	172	2681635	78.279	ng	0.00	
79) Terphenyl-d14	13.074	244	2751084	89.135	ng	0.00	
Target Compounds							Qvalue
2) 1,4-Dioxane	2.822	88	366695	39.294	ng		87
3) Pyridine	3.604	79	905296	39.723	ng		85
4) n-Nitrosodimethylamine	3.557	42	393806	38.140	ng	#	76
6) Aniline	6.616	93	1187324	40.838	ng		96
8) 2-Chlorophenol	6.733	128	860548	39.131	ng		97
9) Benzaldehyde	6.504	77	467556	38.391	ng		96
10) Phenol	6.586	94	1039992m	39.485	ng		
11) bis(2-Chloroethyl)ether	6.686	93	803969	38.565	ng		89
12) 1,3-Dichlorobenzene	6.892	146	944779	39.027	ng		95
13) 1,4-Dichlorobenzene	6.969	146	948356	38.839	ng		98
14) 1,2-Dichlorobenzene	7.122	146	879769	38.328	ng		99
15) Benzyl Alcohol	7.086	79	727689	39.794	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.216	45	1093515	36.725	ng		92
17) 2-Methylphenol	7.192	107	687313	38.408	ng		97
18) Hexachloroethane	7.463	117	335448	39.131	ng		95
19) n-Nitroso-di-n-propyla...	7.363	70	563518	37.472	ng	#	87
20) 3+4-Methylphenols	7.351	107	885063	38.893	ng		96
22) Acetophenone	7.363	105	1132968	45.873	ng	#	91
24) Nitrobenzene	7.533	77	826900	47.347	ng		95
25) Isophorone	7.769	82	1211167	39.703	ng		98
26) 2-Nitrophenol	7.845	139	389974	48.045	ng		92
27) 2,4-Dimethylphenol	7.880	122	592958	40.464	ng		97
28) bis(2-Chloroethoxy)met...	7.975	93	803411	38.348	ng		99
29) 2,4-Dichlorophenol	8.086	162	602165	40.287	ng		98
30) 1,2,4-Trichlorobenzene	8.175	180	652337	39.661	ng		96
31) Naphthalene	8.257	128	1999778	40.915	ng		99
32) Benzoic acid	7.998	122	471438	40.098	ng		97
33) 4-Chloroaniline	8.304	127	814411	41.352	ng		97
34) Hexachlorobutadiene	8.369	225	396556	40.378	ng		99
35) Caprolactam	8.680	113	190406	40.173	ng	#	70
36) 4-Chloro-3-methylphenol	8.780	107	627207	41.301	ng		91
37) 2-Methylnaphthalene	8.945	142	1312441	39.906	ng		100
38) 1-Methylnaphthalene	9.045	142	1283087	40.173	ng		98
40) 1,2,4,5-Tetrachloroben...	9.110	216	635293	41.240	ng		99
41) Hexachlorocyclopentadiene	9.098	237	359904	44.261	ng		99
43) 2,4,6-Trichlorophenol	9.222	196	438274	41.769	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	9.263	196	452507	40.544	ng	98	07/11/2022
46) 1,1'-Biphenyl	9.410	154	1629626	41.361	ng	99	Supervised By :mohammad ahmed
47) 2-Chloronaphthalene	9.439	162	1211715	39.824	ng	99	
48) 2-Nitroaniline	9.533	65	360643	45.003	ng	# 81	
49) Acenaphthylene	9.857	152	1898359	41.061	ng	99	
50) Dimethylphthalate	9.710	163	1374877	40.100	ng	99	
51) 2,6-Dinitrotoluene	9.774	165	301213	42.993	ng	94	07/11/2022
52) Acenaphthene	10.027	154	1245732	41.366	ng	99	
53) 3-Nitroaniline	9.945	138	363512	43.509	ng	# 90	
54) 2,4-Dinitrophenol	10.051	184	187461	52.098	ng	# 77	
55) Dibenzofuran	10.198	168	1768713	40.334	ng	97	
56) 4-Nitrophenol	10.098	139	294038	43.074	ng	89	
57) 2,4-Dinitrotoluene	10.180	165	395248	45.698	ng	# 83	
58) Fluorene	10.545	166	1343235	39.601	ng	97	
59) 2,3,4,6-Tetrachlorophenol	10.316	232	374576	40.510	ng	100	
60) Diethylphthalate	10.410	149	1351670	39.344	ng	98	
61) 4-Chlorophenyl-phenyle...	10.533	204	670573	39.678	ng	99	
62) 4-Nitroaniline	10.563	138	356251	43.000	ng	90	
63) Azobenzene	10.692	77	1307305	38.839	ng	95	
65) 4,6-Dinitro-2-methylph...	10.586	198	242807	55.734	ng	91	
66) n-Nitrosodiphenylamine	10.651	169	1164639	38.943	ng	95	
67) 4-Bromophenyl-phenylether	11.027	248	424807	40.555	ng	93	
68) Hexachlorobenzene	11.092	284	467176	40.053	ng	95	
69) Atrazine	11.174	200	342091	40.650	ng	99	
70) Pentachlorophenol	11.286	266	288140	41.476	ng	99	
71) Phenanthrene	11.510	178	1857621	39.482	ng	100	
72) Anthracene	11.563	178	1861654	40.132	ng	100	
73) Carbazole	11.716	167	1817961	39.111	ng	100	
74) Di-n-butylphthalate	12.039	149	1984618	40.495	ng	99	
75) Fluoranthene	12.704	202	1937317	39.372	ng	98	
77) Benzidine	12.821	184	508360	44.543	ng	99	
78) Pyrene	12.933	202	1948589	43.861	ng	99	
80) Butylbenzylphthalate	13.545	149	776984	42.930	ng	90	
81) Benzo(a)anthracene	14.127	228	1567502	40.054	ng	100	
82) 3,3'-Dichlorobenzidine	14.086	252	337916	39.962	ng	96	
83) Chrysene	14.162	228	1452828	39.989	ng	98	
84) Bis(2-ethylhexyl)phtha...	14.098	149	1001654	41.643	ng	98	
85) Di-n-octyl phthalate	14.721	149	1445858	40.720	ng	# 93	
87) Indeno(1,2,3-cd)pyrene	17.215	276	1360643	41.634	ng	99	
88) Benzo(b)fluoranthene	15.204	252	1310129	40.883	ng	99	
89) Benzo(k)fluoranthene	15.233	252	1149061	36.969	ng	99	
90) Benzo(a)pyrene	15.592	252	1020858	39.078	ng	99	
91) Dibenzo(a,h)anthracene	17.233	278	1101010	41.327	ng	99	
92) Benzo(g,h,i)perylene	17.692	276	1135462	42.481	ng	98	

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

Reviewed By :Jagrut Upadhyay

Abundance

Terpene

