

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021422\
 Data File : BF126867.D
 Acq On : 14 Feb 2022 13:21
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/15/2022
 Supervised By :mohammad ahmed 02/15/2022

Quant Time: Feb 15 00:57:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 10 00:44:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	115195	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	465888	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	233351	20.000	ng	0.00
64) Phenanthrene-d10	11.474	188	408602	20.000	ng	0.00
76) Chrysene-d12	14.121	240	237483	20.000	ng	0.00
86) Perylene-d12	15.621	264	175942	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	562991	75.247	ng	0.00
7) Phenol-d6	6.563	99	764106	75.651	ng	0.00
23) Nitrobenzene-d5	7.510	82	754298	74.703	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	196223	78.436	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1131154	72.968	ng	0.00
79) Terphenyl-d14	13.057	244	1194831	72.126	ng	0.00
Target Compounds						
						Qvalue
3) Pyridine	3.534	79	357186	37.641	ng	99
4) n-Nitrosodimethylamine	3.504	42	168172	37.744	ng	100
6) Aniline	6.604	93	461381	37.930	ng	99
8) 2-Chlorophenol	6.728	128	302786	38.022	ng	97
9) Benzaldehyde	6.498	77	211684	34.470	ng	99
10) Phenol	6.575	94	379243	37.251	ng	99
11) bis(2-Chloroethyl)ether	6.675	93	304405	37.554	ng	95
12) 1,3-Dichlorobenzene	6.881	146	324653	37.466	ng	
13) 1,4-Dichlorobenzene	6.957	146	326790	37.315	ng	98
14) 1,2-Dichlorobenzene	7.116	146	314107	38.064	ng	99
15) Benzyl Alcohol	7.081	79	320658	40.172	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.216	45	474518	35.814	ng	98
17) 2-Methylphenol	7.181	107	264832	38.009	ng	97
18) Hexachloroethane	7.457	117	125830	37.945	ng	96
19) n-Nitroso-di-n-propyla...	7.351	70	239253	37.406	ng	97
20) 3+4-Methylphenols	7.339	107	340623	38.107	ng	97
22) Acetophenone	7.351	105	447837	37.150	ng	99
24) Nitrobenzene	7.528	77	361678	37.866	ng	98
25) Isophorone	7.763	82	624247	36.901	ng	100
26) 2-Nitrophenol	7.839	139	156238	39.082	ng	99
27) 2,4-Dimethylphenol	7.869	122	253142	37.536	ng	99
28) bis(2-Chloroethoxy)met...	7.969	93	374154	35.624	ng	99
29) 2,4-Dichlorophenol	8.075	162	236665	37.323	ng	99
30) 1,2,4-Trichlorobenzene	8.163	180	252997	36.096	ng	97
31) Naphthalene	8.251	128	883252	36.555	ng	100
32) Benzoic acid	7.981	122	188109	39.490	ng	96
33) 4-Chloroaniline	8.292	127	353597	37.171	ng	99
34) Hexachlorobutadiene	8.357	225	149988	37.565	ng	97
35) Caprolactam	8.669	113	83973	38.576	ng	99
36) 4-Chloro-3-methylphenol	8.763	107	304010	38.089	ng	99
37) 2-Methylnaphthalene	8.939	142	563124	36.470	ng	99
38) 1-Methylnaphthalene	9.039	142	549089	36.753	ng	99
40) 1,2,4,5-Tetrachloroben...	9.104	216	225960	37.089	ng	100
41) Hexachlorocyclopentadiene	9.086	237	154503	45.016	ng	98
43) 2,4,6-Trichlorophenol	9.210	196	168565	38.356	ng	98
44) 2,4,5-Trichlorophenol	9.251	196	176595	37.967	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.404	154	674442	36.438	ng	98
47) 2-Chloronaphthalene	9.428	162	503086	36.801	ng	99
48) 2-Nitroaniline	9.522	65	209076	39.425	ng	99
49) Acenaphthylene	9.845	152	820173	36.817	ng	99
50) Dimethylphthalate	9.704	163	613378	37.143	ng	100
51) 2,6-Dinitrotoluene	9.763	165	126556	37.855	ng	# 82
52) Acenaphthene	10.016	154	531122	37.284	ng	99
53) 3-Nitroaniline	9.933	138	157242	38.560	ng	90
54) 2,4-Dinitrophenol	10.039	184	63995	36.572	ng	94
55) Dibenzofuran	10.186	168	724166	36.921	ng	97
56) 4-Nitrophenol	10.080	139	116536	39.791	ng	99
57) 2,4-Dinitrotoluene	10.169	165	172394	39.002	ng	98
58) Fluorene	10.533	166	554463	36.854	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.304	232	138906	38.125	ng	100
60) Diethylphthalate	10.398	149	625039	36.695	ng	99
61) 4-Chlorophenyl-phenyle...	10.522	204	260322	36.912	ng	95
62) 4-Nitroaniline	10.551	138	152301	39.725	ng	98
63) Azobenzene	10.686	77	710536	36.642	ng	98
65) 4,6-Dinitro-2-methylph...	10.575	198	88806	38.026	ng	94
66) n-Nitrosodiphenylamine	10.639	169	487521	36.471	ng	99
67) 4-Bromophenyl-phenylether	11.016	248	163083	36.727	ng	94
68) Hexachlorobenzene	11.080	284	177467	37.108	ng	95
69) Atrazine	11.169	200	155237	38.050	ng	96
70) Pentachlorophenol	11.269	266	104749	39.662	ng	98
71) Phenanthrene	11.498	178	825702	36.471	ng	99
72) Anthracene	11.551	178	819623	36.233	ng	99
73) Carbazole	11.704	167	757215	36.774	ng	100
74) Di-n-butylphthalate	12.027	149	960799	36.194	ng	99
75) Fluoranthene	12.686	202	784045	37.023	ng	99
77) Benzidine	12.810	184	251332	40.219	ng	99
78) Pyrene	12.921	202	788499	36.582	ng	99
80) Butylbenzylphthalate	13.527	149	366966	37.175	ng	95
81) Benzo(a)anthracene	14.110	228	594109	36.928	ng	99
82) 3,3'-Dichlorobenzidine	14.068	252	182119	38.010	ng	97
83) Chrysene	14.145	228	548223	36.289	ng	99
84) Bis(2-ethylhexyl)phtha...	14.086	149	447838	34.989	ng	99
85) Di-n-octyl phthalate	14.704	149	598858	34.085	ng	99
87) Indeno(1,2,3-cd)pyrene	17.162	276	470540	37.510	ng	# 75
88) Benzo(b)fluoranthene	15.174	252	437549	38.931	ng	100
89) Benzo(k)fluoranthene	15.210	252	423961	36.537	ng	98
90) Benzo(a)pyrene	15.557	252	345431	37.665	ng	98
91) Dibenzo(a,h)anthracene	17.186	278	390490	37.482	ng	98
92) Benzo(g,h,i)perylene	17.639	276	387461	37.385	ng	96

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

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