

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121422\
 Data File : BF131629.D
 Acq On : 14 Dec 2022 14:11
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/15/2022
 Supervised By :mohammad ahmed 12/17/2022

Quant Time: Dec 15 01:53:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 14 03:22:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	66149	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	232511	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	136796	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	263543	20.000	ng	0.00
76) Chrysene-d12	14.086	240	145166	20.000	ng	# 0.00
86) Perylene-d12	15.592	264	114410	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	332341	83.817	ng	0.00
7) Phenol-d6	6.522	99	436041	83.919	ng	0.00
23) Nitrobenzene-d5	7.457	82	479776	78.013	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	126604	83.301	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	830928	76.588	ng	0.00
79) Terphenyl-d14	13.027	244	885694	83.673	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.622	88	77638	43.379	ng	96
3) Pyridine	3.381	79	221780	44.633	ng	98
4) n-Nitrosodimethylamine	3.351	42	103513	37.773	ng	86
6) Aniline	6.551	93	266288	42.852	ng	99
8) 2-Chlorophenol	6.669	128	174608	41.554	ng	97
9) Benzaldehyde	6.434	77	133854	37.605	ng	97
10) Phenol	6.534	94	247868m	42.767	ng	
11) bis(2-Chloroethyl)ether	6.622	93	183709	42.285	ng	96
12) 1,3-Dichlorobenzene	6.822	146	197225	40.484	ng	100
13) 1,4-Dichlorobenzene	6.904	146	200017	40.704	ng	97
14) 1,2-Dichlorobenzene	7.057	146	187001	39.837	ng	96
15) Benzyl Alcohol	7.028	79	195078	40.952	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.163	45	224232	39.956	ng	99
17) 2-Methylphenol	7.139	107	162240	42.842	ng	97
18) Hexachloroethane	7.398	117	78792	39.748	ng	95
19) n-Nitroso-di-n-propyla...	7.304	70	154803	39.732	ng	94
20) 3+4-Methylphenols	7.298	107	214009	41.490	ng	# 78
22) Acetophenone	7.298	105	284566	39.055	ng	96
24) Nitrobenzene	7.475	77	244473	39.413	ng	94
25) Isophorone	7.710	82	394996	39.874	ng	98
26) 2-Nitrophenol	7.786	139	94618	44.731	ng	96
27) 2,4-Dimethylphenol	7.828	122	133733	41.248	ng	97
28) bis(2-Chloroethoxy)met...	7.922	93	207603	40.512	ng	99
29) 2,4-Dichlorophenol	8.033	162	163140	40.695	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	191738	39.001	ng	99
31) Naphthalene	8.198	128	521053	39.788	ng	99
32) Benzoic acid	7.951	122	106012m	45.149	ng	
33) 4-Chloroaniline	8.245	127	205788	41.922	ng	99
34) Hexachlorobutadiene	8.310	225	130973	37.801	ng	99
35) Caprolactam	8.628	113	49101	47.349	ng	95
36) 4-Chloro-3-methylphenol	8.733	107	187009	41.543	ng	96
37) 2-Methylnaphthalene	8.886	142	356916	39.852	ng	100
38) 1-Methylnaphthalene	8.986	142	345847	40.227	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	200974	39.688	ng	99
41) Hexachlorocyclopentadiene	9.039	237	84842	33.009	ng	98
43) 2,4,6-Trichlorophenol	9.169	196	129783	41.435	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	140353	41.667	ng	96
46) 1,1'-Biphenyl	9.357	154	433986	40.125	ng	99
47) 2-Chloronaphthalene	9.380	162	360892	40.954	ng	98
48) 2-Nitroaniline	9.486	65	129798	41.581	ng	# 84
49) Acenaphthylene	9.804	152	540431	41.768	ng	100
50) Dimethylphthalate	9.663	163	427356	40.981	ng	100
51) 2,6-Dinitrotoluene	9.727	165	95108	44.178	ng	# 77
52) Acenaphthene	9.975	154	354619m	40.912	ng	
53) 3-Nitroaniline	9.898	138	94550	45.774	ng	98
54) 2,4-Dinitrophenol	9.998	184	50214	42.755	ng	94
55) Dibenzofuran	10.145	168	498539	40.706	ng	99
56) 4-Nitrophenol	10.063	139	66906	46.626	ng	# 73
57) 2,4-Dinitrotoluene	10.127	165	129998	45.520	ng	99
58) Fluorene	10.492	166	405527	40.730	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	115742m	40.577	ng	
60) Diethylphthalate	10.363	149	402940	40.265	ng	98
61) 4-Chlorophenyl-phenyle...	10.480	204	213463	38.796	ng	99
62) 4-Nitroaniline	10.516	138	93814	45.832	ng	92
63) Azobenzene	10.645	77	448309	39.278	ng	96
65) 4,6-Dinitro-2-methylph...	10.539	198	74574	44.676	ng	92
66) n-Nitrosodiphenylamine	10.604	169	334397	39.248	ng	99
67) 4-Bromophenyl-phenylether	10.974	248	129957	38.332	ng	97
68) Hexachlorobenzene	11.039	284	141997	38.721	ng	99
69) Atrazine	11.133	200	111608	41.250	ng	97
70) Pentachlorophenol	11.233	266	70418	37.300	ng	96
71) Phenanthrene	11.457	178	594273	40.455	ng	100
72) Anthracene	11.510	178	579984	40.582	ng	99
73) Carbazole	11.669	167	487735	41.810	ng	100
74) Di-n-butylphthalate	11.992	149	581036	40.600	ng	99
75) Fluoranthene	12.651	202	639145	42.254	ng	98
77) Benzidine	12.774	184	129587	33.317	ng	99
78) Pyrene	12.886	202	633287	44.242	ng	99
80) Butylbenzylphthalate	13.504	149	198234	47.854	ng	95
81) Benzo(a)anthracene	14.074	228	451540	43.072	ng	99
82) 3,3'-Dichlorobenzidine	14.039	252	118946	39.879	ng	96
83) Chrysene	14.115	228	432028	43.348	ng	98
84) Bis(2-ethylhexyl)phtha...	14.057	149	210795	38.025	ng	99
85) Di-n-octyl phthalate	14.680	149	273576	31.587	ng	99
87) Indeno(1,2,3-cd)pyrene	17.121	276	365995	39.198	ng	98
88) Benzo(b)fluoranthene	15.145	252	324277	43.004	ng	100
89) Benzo(k)fluoranthene	15.174	252	308356	39.178	ng	99
90) Benzo(a)pyrene	15.527	252	262898	40.853	ng	98
91) Dibenzo(a,h)anthracene	17.139	278	304784	39.662	ng	98
92) Benzo(g,h,i)perylene	17.580	276	305648	39.575	ng	97

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

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