

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022422\
 Data File : BF127055.D
 Acq On : 24 Feb 2022 13:46
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/25/2022
 Supervised By : Jagrut Upadhyay 02/25/2022

Quant Time: Feb 24 16:32:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 24 02:10:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	69112	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	278931	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	154104	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	293214	20.000	ng	# 0.00
76) Chrysene-d12	14.092	240	185818	20.000	ng	# 0.00
86) Perylene-d12	15.592	264	118990	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	354120	79.193	ng	0.00
7) Phenol-d6	6.540	99	466973	77.393	ng	0.00
23) Nitrobenzene-d5	7.475	82	505603	81.818	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	172793	97.387	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	892126	85.225	ng	0.00
79) Terphenyl-d14	13.033	244	1125980	89.078	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.681	88	65838	32.176	ng	# 93
3) Pyridine	3.457	79	179453	33.436	ng	# 81
4) n-Nitrosodimethylamine	3.422	42	107602	40.928	ng	# 56
6) Aniline	6.575	93	267614	37.433	ng	96
8) 2-Chlorophenol	6.693	128	195290	40.704	ng	98
9) Benzaldehyde	6.463	77	122569	33.372	ng	97
10) Phenol	6.551	94	253962	41.656	ng	77
11) bis(2-Chloroethyl)ether	6.646	93	179093	37.453	ng	100
12) 1,3-Dichlorobenzene	6.851	146	213000	41.155	ng	98
13) 1,4-Dichlorobenzene	6.928	146	215543	41.080	ng	99
14) 1,2-Dichlorobenzene	7.081	146	208181	41.606	ng	99
15) Benzyl Alcohol	7.045	79	213696	42.040	ng	90
16) 2,2'-oxybis(1-Chloropr...	7.181	45	260929	34.653	ng	96
17) 2-Methylphenol	7.157	107	159559	38.439	ng	# 90
18) Hexachloroethane	7.422	117	88247	43.878	ng	# 88
19) n-Nitroso-di-n-propyla...	7.316	70	156835	40.338	ng	95
20) 3+4-Methylphenols	7.310	107	218825	40.596	ng	89
22) Acetophenone	7.322	105	300502	40.918	ng	94
24) Nitrobenzene	7.493	77	230938	39.560	ng	94
25) Isophorone	7.728	82	396845	38.809	ng	# 97
26) 2-Nitrophenol	7.810	139	103870	41.790	ng	# 85
27) 2,4-Dimethylphenol	7.840	122	151342	37.065	ng	87
28) bis(2-Chloroethoxy)met...	7.940	93	236465	38.144	ng	97
29) 2,4-Dichlorophenol	8.051	162	160526	41.816	ng	98
30) 1,2,4-Trichlorobenzene	8.134	180	181654	42.326	ng	99
31) Naphthalene	8.216	128	580253	39.851	ng	99
32) Benzoic acid	7.963	122	107219	37.026	ng	# 81
33) 4-Chloroaniline	8.263	127	226724	39.560	ng	96
34) Hexachlorobutadiene	8.322	225	113627	45.349	ng	97
35) Caprolactam	8.640	113	53905	40.211	ng	94
36) 4-Chloro-3-methylphenol	8.739	107	211148	43.037	ng	93
37) 2-Methylnaphthalene	8.904	142	393043	41.600	ng	98
38) 1-Methylnaphthalene	9.004	142	379921	41.992	ng	98
40) 1,2,4,5-Tetrachloroben...	9.069	216	171576	42.296	ng	98
41) Hexachlorocyclopentadiene	9.051	237	92547	42.064	ng	96
43) 2,4,6-Trichlorophenol	9.181	196	123932	41.654	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.228	196	132839	42.429	ng	93
46) 1,1'-Biphenyl	9.375	154	490282	40.156	ng	96
47) 2-Chloronaphthalene	9.398	162	359327	39.687	ng	94
48) 2-Nitroaniline	9.492	65	144095	40.331	ng	93
49) Acenaphthylene	9.816	152	589989	40.116	ng	98
50) Dimethylphthalate	9.669	163	453064	41.131	ng	99
51) 2,6-Dinitrotoluene	9.734	165	95144	42.455	ng	# 80
52) Acenaphthene	9.986	154	398259m	41.638	ng	
53) 3-Nitroaniline	9.910	138	110071	40.180	ng	87
54) 2,4-Dinitrophenol	10.010	184	54811	46.208	ng	# 84
55) Dibenzofuran	10.157	168	541791	41.194	ng	# 87
56) 4-Nitrophenol	10.063	139	86643	42.823	ng	# 67
57) 2,4-Dinitrotoluene	10.139	165	130573	43.092	ng	# 97
58) Fluorene	10.504	166	435982	42.557	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.275	232	110852	44.660	ng	97
60) Diethylphthalate	10.369	149	497942	43.262	ng	99
61) 4-Chlorophenyl-phenyle...	10.492	204	211035	43.686	ng	95
62) 4-Nitroaniline	10.522	138	113797	42.067	ng	# 66
63) Azobenzene	10.651	77	508837	39.702	ng	91
65) 4,6-Dinitro-2-methylph...	10.551	198	76460	44.381	ng	95
66) n-Nitrosodiphenylamine	10.610	169	378755	39.393	ng	99
67) 4-Bromophenyl-phenylether	10.986	248	135037	41.219	ng	98
68) Hexachlorobenzene	11.051	284	149667	42.437	ng	92
69) Atrazine	11.139	200	126145	42.302	ng	96
70) Pentachlorophenol	11.245	266	84311	43.793	ng	99
71) Phenanthrene	11.469	178	660771	40.262	ng	99
72) Anthracene	11.522	178	666033	40.765	ng	99
73) Carbazole	11.675	167	608880	40.638	ng	98
74) Di-n-butylphthalate	11.998	149	789831	41.005	ng	99
75) Fluoranthene	12.663	202	659965	42.352	ng	93
77) Benzidine	12.780	184	231356	45.816	ng	98
78) Pyrene	12.892	202	667230	41.331	ng	99
80) Butylbenzylphthalate	13.504	149	316652	41.432	ng	# 83
81) Benzo(a)anthracene	14.080	228	506808	40.457	ng	98
82) 3,3'-Dichlorobenzidine	14.045	252	165722	41.977	ng	# 96
83) Chrysene	14.121	228	468550	39.774	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	394434	39.311	ng	# 99
85) Di-n-octyl phthalate	14.674	149	534651	37.008	ng	97
87) Indeno(1,2,3-cd)pyrene	17.127	276	315918	40.490	ng	# 81
88) Benzo(b)fluoranthene	15.151	252	327285	40.953	ng	# 91
89) Benzo(k)fluoranthene	15.180	252	322995	41.902	ng	# 93
90) Benzo(a)pyrene	15.527	252	252182	40.398	ng	# 92
91) Dibenzo(a,h)anthracene	17.139	278	259656	40.238	ng	# 90
92) Benzo(g,h,i)perylene	17.592	276	255763	40.204	ng	# 83

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

