

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072122\
 Data File : BF129304.D
 Acq On : 21 Jul 2022 19:24
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 07/22/2022
 Supervised By : Jagrut Upadhyay 07/22/2022

Quant Time: Jul 22 04:19:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 13:42:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	142560	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	535972	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	277845	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	466550	20.000	ng	0.00
76) Chrysene-d12	14.074	240	303750	20.000	ng	0.00
86) Perylene-d12	15.562	264	223722	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	693977	79.398	ng	0.00
7) Phenol-d6	6.522	99	871693	78.235	ng	0.00
23) Nitrobenzene-d5	7.463	82	827411	83.053	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	226877	84.636	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1401713	77.609	ng	0.00
79) Terphenyl-d14	13.010	244	1379725	84.598	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	148460	38.306	ng	91
3) Pyridine	3.463	79	398886	37.278	ng	96
4) n-Nitrosodimethylamine	3.416	42	202988	42.251	ng	# 94
6) Aniline	6.557	93	521224	38.018	ng	98
8) 2-Chlorophenol	6.681	128	380945	39.757	ng	97
9) Benzaldehyde	6.445	77	293291	38.374	ng	95
10) Phenol	6.534	94	460961	39.366	ng	98
11) bis(2-Chloroethyl)ether	6.628	93	354561	38.252	ng	96
12) 1,3-Dichlorobenzene	6.834	146	412908	39.983	ng	98
13) 1,4-Dichlorobenzene	6.910	146	415131	39.728	ng	98
14) 1,2-Dichlorobenzene	7.069	146	383493	39.719	ng	100
15) Benzyl Alcohol	7.034	79	340638	42.139	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.169	45	531544	37.616	ng	93
17) 2-Methylphenol	7.139	107	306181	39.209	ng	97
18) Hexachloroethane	7.404	117	165033	42.095	ng	# 86
19) n-Nitroso-di-n-propyla...	7.304	70	265065	39.927	ng	98
20) 3+4-Methylphenols	7.298	107	390815	38.373	ng	93
22) Acetophenone	7.304	105	516823	41.068	ng	# 98
24) Nitrobenzene	7.481	77	416069	40.549	ng	95
25) Isophorone	7.716	82	687571	39.311	ng	99
26) 2-Nitrophenol	7.792	139	201245	40.647	ng	98
27) 2,4-Dimethylphenol	7.828	122	294107m	39.487	ng	
28) bis(2-Chloroethoxy)met...	7.922	93	391143	38.603	ng	98
29) 2,4-Dichlorophenol	8.034	162	309945	40.007	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	327134	40.630	ng	96
31) Naphthalene	8.204	128	1113209	40.497	ng	99
32) Benzoic acid	7.939	122	206608	37.951	ng	99
33) 4-Chloroaniline	8.245	127	437318	39.005	ng	97
34) Hexachlorobutadiene	8.316	225	197846	42.991	ng	100
35) Caprolactam	8.622	113	95810m	38.776	ng	
36) 4-Chloro-3-methylphenol	8.728	107	334579	40.651	ng	95
37) 2-Methylnaphthalene	8.892	142	710816	39.905	ng	98
38) 1-Methylnaphthalene	8.992	142	687175	39.874	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	304912	41.802	ng	98
41) Hexachlorocyclopentadiene	9.039	237	151304	47.061	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	213144	39.985	ng	95

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44) 2,4,5-Trichlorophenol	9.210	196	234339	40.525	ng	96
46) 1,1'-Biphenyl	9.357	154	827772	40.318	ng	99
47) 2-Chloronaphthalene	9.381	162	661034	40.195	ng	99
48) 2-Nitroaniline	9.480	65	229205	41.499	ng	94
49) Acenaphthylene	9.798	152	1020059	40.390	ng	99
50) Dimethylphthalate	9.657	163	768875	40.279	ng	99
51) 2,6-Dinitrotoluene	9.722	165	172819	40.434	ng	99
52) Acenaphthene	9.975	154	666368	40.658	ng	98
53) 3-Nitroaniline	9.892	138	194374	38.220	ng #	94
54) 2,4-Dinitrophenol	9.998	184	91181	42.159	ng	87
55) Dibenzofuran	10.145	168	921673	40.467	ng	96
56) 4-Nitrophenol	10.045	139	146964	39.572	ng	89
57) 2,4-Dinitrotoluene	10.122	165	231050	41.235	ng	96
58) Fluorene	10.486	166	739802	40.697	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	183230	41.101	ng	89
60) Diethylphthalate	10.351	149	755743	41.149	ng	98
61) 4-Chlorophenyl-phenyle...	10.475	204	325123	40.881	ng #	88
62) 4-Nitroaniline	10.510	138	197495	39.318	ng	98
63) Azobenzene	10.639	77	770528	40.553	ng	97
65) 4,6-Dinitro-2-methylph...	10.533	198	123352	42.986	ng	95
66) n-Nitrosodiphenylamine	10.598	169	622709	40.372	ng	98
67) 4-Bromophenyl-phenylether	10.969	248	210376	41.791	ng	96
68) Hexachlorobenzene	11.033	284	229495	41.625	ng	96
69) Atrazine	11.122	200	191808	40.688	ng	96
70) Pentachlorophenol	11.227	266	125464	41.391	ng	94
71) Phenanthrene	11.451	178	1036243	40.466	ng	99
72) Anthracene	11.504	178	1030616	40.617	ng	99
73) Carbazole	11.657	167	946649	39.996	ng	98
74) Di-n-butylphthalate	11.980	149	1121933	41.025	ng	100
75) Fluoranthene	12.645	202	1050855	40.266	ng	97
77) Benzidine	12.763	184	463443	38.285	ng	99
78) Pyrene	12.874	202	1056578	40.670	ng	99
80) Butylbenzylphthalate	13.480	149	429195	40.487	ng	98
81) Benzo(a)anthracene	14.063	228	820701	39.237	ng	98
82) 3,3'-Dichlorobenzidine	14.021	252	263431	38.369	ng	98
83) Chrysene	14.098	228	770559	39.032	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	509891	39.167	ng	100
85) Di-n-octyl phthalate	14.651	149	686116	36.827	ng	98
87) Indeno(1,2,3-cd)pyrene	17.074	276	676228	44.091	ng	98
88) Benzo(b)fluoranthene	15.121	252	576904	38.743	ng	99
89) Benzo(k)fluoranthene	15.151	252	603387	41.732	ng	100
90) Benzo(a)pyrene	15.498	252	482544	40.051	ng	100
91) Dibenzo(a,h)anthracene	17.092	278	547557	44.295	ng	99
92) Benzo(g,h,i)perylene	17.539	276	571811	44.516	ng	98

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

