

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062723\
 Data File : BF134006.D
 Acq On : 28 Jun 2023 00:32
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/28/2023
 Supervised By :mohammad ahmed 06/29/2023

Quant Time: Jun 28 01:54:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 26 23:12:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	114255	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	372989	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	154915	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	270435	20.000	ng	0.00
76) Chrysene-d12	14.045	240	168811	20.000	ng	0.00
86) Perylene-d12	15.551	264	136296	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	548404	80.290	ng	0.00
7) Phenol-d6	6.493	99	649145	77.280	ng	0.00
23) Nitrobenzene-d5	7.422	82	590317	85.314	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	141940	73.077	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	966143	90.673	ng	0.00
79) Terphenyl-d14	12.986	244	910063	86.764	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	116556	41.386	ng	100
3) Pyridine	3.428	79	310842	42.373	ng	98
4) n-Nitrosodimethylamine	3.393	42	180429	43.064	ng	96
6) Aniline	6.522	93	399849	39.118	ng	98
8) 2-Chlorophenol	6.640	128	268217	38.684	ng	96
9) Benzaldehyde	6.410	77	190267	41.683	ng	96
10) Phenol	6.510	94	345023	39.066	ng	94
11) bis(2-Chloroethyl)ether	6.593	93	254881	39.199	ng	99
12) 1,3-Dichlorobenzene	6.798	146	292686	39.595	ng	96
13) 1,4-Dichlorobenzene	6.875	146	293267	39.279	ng	98
14) 1,2-Dichlorobenzene	7.028	146	270245	38.648	ng	97
15) Benzyl Alcohol	6.998	79	249874	38.587	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.128	45	429951	37.377	ng	99
17) 2-Methylphenol	7.110	107	238065	38.343	ng	98
18) Hexachloroethane	7.363	117	79876	28.853	ng	95
19) n-Nitroso-di-n-propyla...	7.269	70	197504	37.076	ng	98
20) 3+4-Methylphenols	7.263	107	279265	37.075	ng	96
22) Acetophenone	7.263	105	361481	42.614	ng	97
24) Nitrobenzene	7.440	77	298960	42.756	ng	98
25) Isophorone	7.675	82	514231	40.892	ng	99
26) 2-Nitrophenol	7.751	139	94199	28.083	ng	96
27) 2,4-Dimethylphenol	7.787	122	220472	41.524	ng	99
28) bis(2-Chloroethoxy)met...	7.881	93	299093	41.075	ng	98
29) 2,4-Dichlorophenol	7.992	162	201032	38.183	ng	98
30) 1,2,4-Trichlorobenzene	8.075	180	222358	40.930	ng	98
31) Naphthalene	8.157	128	712425	39.543	ng	99
32) Benzoic acid	7.875	122	90074m	22.640	ng	
33) 4-Chloroaniline	8.204	127	296926	38.528	ng	99
34) Hexachlorobutadiene	8.269	225	147674	43.092	ng	98
35) Caprolactam	8.575	113	60501	34.900	ng	98
36) 4-Chloro-3-methylphenol	8.687	107	215059	36.360	ng	98
37) 2-Methylnaphthalene	8.845	142	472252	37.067	ng	100
38) 1-Methylnaphthalene	8.945	142	435121	36.737	ng	98
40) 1,2,4,5-Tetrachloroben...	9.016	216	207211	45.148	ng	98
41) Hexachlorocyclopentadiene	8.998	237	7547	3.466	ng	98
43) 2,4,6-Trichlorophenol	9.128	196	127366	40.766	ng	99

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44) 2,4,5-Trichlorophenol	9.169	196	143318	38.997	ng	99
46) 1,1'-Biphenyl	9.310	154	547857	44.087	ng	99
47) 2-Chloronaphthalene	9.339	162	378477	41.627	ng	99
48) 2-Nitroaniline	9.434	65	145827	44.008	ng	99
49) Acenaphthylene	9.757	152	621535	40.017	ng	99
50) Dimethylphthalate	9.616	163	503086	44.737	ng	99
51) 2,6-Dinitrotoluene	9.681	165	92197	38.066	ng	97
52) Acenaphthene	9.928	154	360636	40.016	ng	99
53) 3-Nitroaniline	9.851	138	122656	42.213	ng	92
54) 2,4-Dinitrophenol	9.963	184	1678	5.005	ng	# 54
55) Dibenzofuran	10.098	168	547171	38.848	ng	98
56) 4-Nitrophenol	10.010	139	67040	32.984	ng	96
57) 2,4-Dinitrotoluene	10.086	165	108960	34.064	ng	96
58) Fluorene	10.445	166	414290	37.807	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.216	232	103086	35.560	ng	98
60) Diethylphthalate	10.316	149	486536	41.528	ng	100
61) 4-Chlorophenyl-phenyle...	10.433	204	206241	39.055	ng	96
62) 4-Nitroaniline	10.463	138	119254	40.725	ng	95
63) Azobenzene	10.598	77	415178	37.463	ng	98
65) 4,6-Dinitro-2-methylph...	10.498	198	4131	2.802	ng	89
66) n-Nitrosodiphenylamine	10.557	169	369902	42.810	ng	98
67) 4-Bromophenyl-phenylether	10.928	248	121136	42.143	ng	97
68) Hexachlorobenzene	10.992	284	125131	41.001	ng	97
69) Atrazine	11.080	200	93699	39.204	ng	97
70) Pentachlorophenol	11.192	266	59998	32.879	ng	96
71) Phenanthrene	11.410	178	552520	40.584	ng	99
72) Anthracene	11.463	178	578233	40.835	ng	99
73) Carbazole	11.622	167	536593	41.401	ng	100
74) Di-n-butylphthalate	11.951	149	673432	43.692	ng	99
75) Fluoranthene	12.610	202	636422	43.241	ng	97
77) Benzidine	12.733	184	237865	59.218	ng	99
78) Pyrene	12.839	202	643919	40.987	ng	99
80) Butylbenzylphthalate	13.463	149	294943	50.058	ng	94
81) Benzo(a)anthracene	14.039	228	468413	40.010	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	165641	44.658	ng	98
83) Chrysene	14.074	228	446281	39.357	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	391495	57.825	ng	99
85) Di-n-octyl phthalate	14.645	149	581039	58.407	ng	99
87) Indeno(1,2,3-cd)pyrene	17.104	276	349675	36.973	ng	99
88) Benzo(b)fluoranthene	15.110	252	342076	42.683	ng	98
89) Benzo(k)fluoranthene	15.139	252	338954	41.539	ng	98
90) Benzo(a)pyrene	15.486	252	312699	40.350	ng	99
91) Dibenzo(a,h)anthracene	17.121	278	288049	37.289	ng	98
92) Benzo(g,h,i)perylene	17.568	276	274029	34.399	ng	98

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

