

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121123\
 Data File : BF136506.D
 Acq On : 11 Dec 2023 23:32
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023

Quant Time: Dec 12 00:11:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	109025	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	389106	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	173189	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	296419	20.000	ng	0.00
76) Chrysene-d12	13.980	240	229045	20.000	ng	0.00
86) Perylene-d12	15.457	264	202962	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	564797	76.506	ng	0.00
7) Phenol-d6	6.445	99	670981	72.848	ng	0.00
23) Nitrobenzene-d5	7.363	82	582688	80.956	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	148340	69.466	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1081127	85.179	ng	-0.01
79) Terphenyl-d14	12.921	244	1113868	64.098	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.563	88	116473	39.889	ng	99
3) Pyridine	3.322	79	312385	44.177	ng	96
4) n-Nitrosodimethylamine	3.293	42	121068	39.408	ng	98
6) Aniline	6.469	93	409562	43.999	ng	97
8) 2-Chlorophenol	6.587	128	303577	37.668	ng	99
9) Benzaldehyde	6.351	77	191252	41.422	ng	98
10) Phenol	6.457	94	359566	36.687	ng	90
11) bis(2-Chloroethyl)ether	6.539	93	273938	37.497	ng	97
12) 1,3-Dichlorobenzene	6.739	146	314244	34.671	ng	96
13) 1,4-Dichlorobenzene	6.816	146	319513	34.752	ng	100
14) 1,2-Dichlorobenzene	6.969	146	295749	34.207	ng	99
15) Benzyl Alcohol	6.939	79	232385	37.677	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.075	45	322487	34.322	ng	98
17) 2-Methylphenol	7.057	107	249785	38.363	ng	96
18) Hexachloroethane	7.304	117	97271	30.303	ng	99
19) n-Nitroso-di-n-propyla...	7.210	70	186935	35.183	ng	98
20) 3+4-Methylphenols	7.210	107	298779	36.969	ng	97
22) Acetophenone	7.210	105	387950	40.376	ng	# 97
24) Nitrobenzene	7.381	77	281031	38.813	ng	96
25) Isophorone	7.616	82	497414	38.466	ng	100
26) 2-Nitrophenol	7.692	139	116680	32.779	ng	95
27) 2,4-Dimethylphenol	7.734	122	226581	51.622	ng	97
28) bis(2-Chloroethoxy)met...	7.828	93	316196	39.793	ng	99
29) 2,4-Dichlorophenol	7.934	162	221058	38.156	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	251019	37.157	ng	98
31) Naphthalene	8.098	128	803230	37.433	ng	99
32) Benzoic acid	7.833	122	102603m	23.564	ng	
33) 4-Chloroaniline	8.151	127	331114	43.284	ng	98
34) Hexachlorobutadiene	8.210	225	147835	36.925	ng	98
35) Caprolactam	8.516	113	64334	36.059	ng	92
36) 4-Chloro-3-methylphenol	8.633	107	218553	35.529	ng	98
37) 2-Methylnaphthalene	8.786	142	516142	37.809	ng	94
38) 1-Methylnaphthalene	8.886	142	470903	35.154	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	230073	42.700	ng	99
41) Hexachlorocyclopentadiene	8.939	237	20338	10.189	ng	97
43) 2,4,6-Trichlorophenol	9.069	196	134499	38.337	ng	99

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44) 2,4,5-Trichlorophenol	9.110	196	156783	40.040	ng	96
46) 1,1'-Biphenyl	9.251	154	611253	41.479	ng	98
47) 2-Chloronaphthalene	9.280	162	436328	38.041	ng	98
48) 2-Nitroaniline	9.375	65	132011	42.913	ng	95
49) Acenaphthylene	9.692	152	656093	40.155	ng	99
50) Dimethylphthalate	9.557	163	536147	42.048	ng	99
51) 2,6-Dinitrotoluene	9.622	165	108247	37.735	ng	90
52) Acenaphthene	9.869	154	402763	38.467	ng	95
53) 3-Nitroaniline	9.792	138	131956	45.047	ng	97
55) Dibenzofuran	10.039	168	599015	39.162	ng	98
56) 4-Nitrophenol	9.957	139	75464	34.365	ng	90
57) 2,4-Dinitrotoluene	10.022	165	129904	34.232	ng	98
58) Fluorene	10.380	166	461238	37.565	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	108138	34.477	ng	100
60) Diethylphthalate	10.257	149	493255	39.340	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	229236	38.298	ng	96
62) 4-Nitroaniline	10.404	138	127009	43.666	ng	95
63) Azobenzene	10.533	77	417690	36.600	ng	96
65) 4,6-Dinitro-2-methylph...	10.433	198	6965	3.794	ng	91
66) n-Nitrosodiphenylamine	10.492	169	407555	42.849	ng	98
67) 4-Bromophenyl-phenylether	10.869	248	138117	40.076	ng	98
68) Hexachlorobenzene	10.927	284	144298	36.227	ng	99
69) Atrazine	11.027	200	103663	38.185	ng	98
70) Pentachlorophenol	11.127	266	73266	32.591	ng	98
71) Phenanthrene	11.345	178	644055	39.531	ng	99
72) Anthracene	11.398	178	666267	40.601	ng	98
73) Carbazole	11.557	167	576987	39.726	ng	99
74) Di-n-butylphthalate	11.892	149	715527	40.186	ng	99
75) Fluoranthene	12.539	202	684192	40.073	ng	98
77) Benzidine	12.668	184	163182	34.445	ng	99
78) Pyrene	12.768	202	702665	31.325	ng	99
80) Butylbenzylphthalate	13.398	149	295915	37.057	ng	95
81) Benzo(a)anthracene	13.968	228	621510	38.955	ng	100
82) 3,3'-Dichlorobenzidine	13.933	252	231076	51.657	ng	99
83) Chrysene	14.004	228	620004	39.498	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	404861	41.358	ng	100
85) Di-n-octyl phthalate	14.580	149	711020	49.173	ng	99
87) Indeno(1,2,3-cd)pyrene	16.962	276	458884	32.544	ng	99
88) Benzo(b)fluoranthene	15.021	252	541916	39.051	ng	99
89) Benzo(k)fluoranthene	15.051	252	493950	37.770	ng	100
90) Benzo(a)pyrene	15.392	252	471852	41.173	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	386165	33.430	ng	99
92) Benzo(g,h,i)perylene	17.415	276	361266	30.470	ng	98

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

