

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
 Data File : BF136796.D
 Acq On : 28 Dec 2023 16:39
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

12/29/2023
 Supervised By :mohammad
 ahmed

Quant Time: Dec 28 17:03:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	82808	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	314190	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	152875	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	258872	20.000	ng	0.00
76) Chrysene-d12	13.963	240	131627	20.000	ng	0.00
86) Perylene-d12	15.445	264	150804	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	430780	81.168	ng	0.00
7) Phenol-d6	6.434	99	545551	79.331	ng	0.00
23) Nitrobenzene-d5	7.351	82	487394	79.380	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	137059	76.125	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	940341	82.731	ng	-0.01
79) Terphenyl-d14	12.904	244	757116	80.382	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.528	88	88050	39.818	ng	97
3) Pyridine	3.293	79	215609	39.962	ng	97
4) n-Nitrosodimethylamine	3.263	42	111667	38.757	ng	99
6) Aniline	6.451	93	260698	37.917	ng	# 52
8) 2-Chlorophenol	6.575	128	235520	40.552	ng	97
9) Benzaldehyde	6.340	77	152703	39.039	ng	95
10) Phenol	6.445	94	290054	39.511	ng	96
11) bis(2-Chloroethyl)ether	6.528	93	219201	39.263	ng	97
12) 1,3-Dichlorobenzene	6.728	146	256931	40.552	ng	96
13) 1,4-Dichlorobenzene	6.804	146	260473	40.235	ng	97
14) 1,2-Dichlorobenzene	6.951	146	241339	40.063	ng	99
15) Benzyl Alcohol	6.934	79	185198	39.918	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.057	45	351216	38.479	ng	90
17) 2-Methylphenol	7.045	107	186808	38.826	ng	99
18) Hexachloroethane	7.287	117	94486	40.188	ng	98
19) n-Nitroso-di-n-propyla...	7.204	70	156084	37.442	ng	95
20) 3+4-Methylphenols	7.198	107	231860	38.573	ng	92
22) Acetophenone	7.198	105	315627	40.079	ng	# 96
24) Nitrobenzene	7.369	77	248165	40.348	ng	98
25) Isophorone	7.604	82	436939	39.109	ng	99
26) 2-Nitrophenol	7.681	139	124886	42.439	ng	95
27) 2,4-Dimethylphenol	7.722	122	142997	39.914	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	272505	40.127	ng	100
29) 2,4-Dichlorophenol	7.928	162	187659	40.686	ng	96
30) 1,2,4-Trichlorobenzene	8.004	180	212664	41.382	ng	98
31) Naphthalene	8.087	128	692821	40.139	ng	99
32) Benzoic acid	7.857	122	138574m	39.976	ng	
33) 4-Chloroaniline	8.134	127	245852	38.577	ng	98
34) Hexachlorobutadiene	8.198	225	128663	41.208	ng	99
35) Caprolactam	8.522	113	61046m	40.120	ng	
36) 4-Chloro-3-methylphenol	8.628	107	199133	38.350	ng	98
37) 2-Methylnaphthalene	8.775	142	434271	39.094	ng	99
38) 1-Methylnaphthalene	8.875	142	424475	38.948	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	203816	43.049	ng	99
41) Hexachlorocyclopentadiene	8.922	237	78246	53.558	ng	98
43) 2,4,6-Trichlorophenol	9.057	196	125206	41.236	ng	99

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44) 2,4,5-Trichlorophenol	9.104	196	136113	40.228	ng	98
46) 1,1'-Biphenyl	9.239	154	535685	41.757	ng	98
47) 2-Chloronaphthalene	9.269	162	404855	41.513	ng	98
48) 2-Nitroaniline	9.369	65	119591	39.159	ng	91
49) Acenaphthylene	9.681	152	602699	40.432	ng	100
50) Dimethylphthalate	9.545	163	435502	39.001	ng	99
51) 2,6-Dinitrotoluene	9.610	165	100115	39.505	ng	86
52) Acenaphthene	9.857	154	371777	40.234	ng	99
53) 3-Nitroaniline	9.781	138	100056	37.271	ng	96
54) 2,4-Dinitrophenol	9.892	184	61870	45.729	ng	90
55) Dibenzofuran	10.028	168	551434	39.369	ng	98
56) 4-Nitrophenol	9.957	139	80643	44.500	ng	93
57) 2,4-Dinitrotoluene	10.016	165	123933	37.671	ng	98
58) Fluorene	10.369	166	434643	39.108	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	99223	38.096	ng	99
60) Diethylphthalate	10.245	149	439502	37.935	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	211291	39.112	ng	96
62) 4-Nitroaniline	10.398	138	89199m	34.467	ng	
63) Azobenzene	10.522	77	410903	37.972	ng	97
65) 4,6-Dinitro-2-methylph...	10.428	198	64283	43.329	ng	95
66) n-Nitrosodiphenylamine	10.486	169	368963	43.875	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	125526	43.662	ng	# 92
68) Hexachlorobenzene	10.922	284	141824	44.266	ng	97
69) Atrazine	11.016	200	83400	38.775	ng	96
70) Pentachlorophenol	11.116	266	57612	38.578	ng	99
71) Phenanthrene	11.333	178	538710	40.557	ng	99
72) Anthracene	11.386	178	555392	41.287	ng	99
73) Carbazole	11.545	167	497892	39.257	ng	99
74) Di-n-butylphthalate	11.875	149	609881	39.408	ng	99
75) Fluoranthene	12.527	202	524428	36.910	ng	96
77) Benzidine	12.657	184	156169	40.238	ng	99
78) Pyrene	12.757	202	523024	40.477	ng	99
80) Butylbenzylphthalate	13.380	149	192923	41.032	ng	98
81) Benzo(a)anthracene	13.957	228	372629	40.769	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	119514	46.043	ng	98
83) Chrysene	13.992	228	366140	40.964	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	256528	43.364	ng	97
85) Di-n-octyl phthalate	14.563	149	432442	47.258	ng	99
87) Indeno(1,2,3-cd)pyrene	16.957	276	497720	45.712	ng	100
88) Benzo(b)fluoranthene	15.010	252	399029	39.616	ng	99
89) Benzo(k)fluoranthene	15.039	252	343467	36.088	ng	99
90) Benzo(a)pyrene	15.386	252	342290	40.259	ng	98
91) Dibenzo(a,h)anthracene	16.974	278	408500	45.731	ng	97
92) Benzo(g,h,i)perylene	17.409	276	426777	46.647	ng	98

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

