

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092524\
 Data File : BF139529.D
 Acq On : 25 Sep 2024 15:16
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Sep 25 15:37:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/26/2024
 Supervised By :mohammad ahmed 09/27/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	77049	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	277113	20.000	ng	# 0.00
39) Acenaphthene-d10	9.916	164	146643	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	241081	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	120939	20.000	ng	# 0.00
86) Perylene-d12	15.510	264	159224	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	365361	77.357	ng	0.00
7) Phenol-d6	6.510	99	474903	76.606	ng	0.00
23) Nitrobenzene-d5	7.445	82	449361	76.233	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	102029	65.353	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	787967	75.363	ng	0.00
79) Terphenyl-d14	12.980	244	541447	73.485	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	76425	40.332	ng	98
3) Pyridine	3.387	79	189386	45.331	ng	97
4) n-Nitrosodimethylamine	3.340	42	128371	35.451	ng	83
6) Aniline	6.546	93	185601	39.672	ng	99
8) 2-Chlorophenol	6.663	128	190672	39.219	ng	97
9) Benzaldehyde	6.428	77	159847	44.629	ng	97
10) Phenol	6.528	94	250562	39.684	ng	97
11) bis(2-Chloroethyl)ether	6.616	93	183859	38.313	ng	99
12) 1,3-Dichlorobenzene	6.822	146	214530	38.800	ng	98
13) 1,4-Dichlorobenzene	6.898	146	217838	38.987	ng	98
14) 1,2-Dichlorobenzene	7.051	146	205984	39.015	ng	98
15) Benzyl Alcohol	7.022	79	177020	35.791	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	322521	43.609	ng	94
17) 2-Methylphenol	7.134	107	152412	39.457	ng	96
18) Hexachloroethane	7.393	117	82043	38.551	ng	99
19) n-Nitroso-di-n-propyla...	7.293	70	138264	37.637	ng	97
20) 3+4-Methylphenols	7.287	107	195233	37.046	ng	# 87
22) Acetophenone	7.287	105	265776	36.686	ng	98
24) Nitrobenzene	7.463	77	233522	38.492	ng	97
25) Isophorone	7.698	82	364422	39.091	ng	99
26) 2-Nitrophenol	7.775	139	98471	41.662	ng	93
27) 2,4-Dimethylphenol	7.810	122	124630m	39.974	ng	
28) bis(2-Chloroethoxy)met...	7.910	93	215796	40.616	ng	99
29) 2,4-Dichlorophenol	8.022	162	153673	38.799	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	178985	38.784	ng	98
31) Naphthalene	8.181	128	566865	39.184	ng	100
32) Benzoic acid	7.922	122	108995	37.356	ng	93
33) 4-Chloroaniline	8.234	127	173429	39.186	ng	97
34) Hexachlorobutadiene	8.298	225	112707	35.947	ng	98
35) Caprolactam	8.598	113	47109	38.665	ng	96
36) 4-Chloro-3-methylphenol	8.710	107	168620	37.251	ng	97
37) 2-Methylnaphthalene	8.875	142	348405	37.942	ng	99
38) 1-Methylnaphthalene	8.969	142	344019	38.160	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	170405	39.209	ng	98
41) Hexachlorocyclopentadiene	9.022	237	53036	34.951	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	112385	39.747	ng	100

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44) 2,4,5-Trichlorophenol	9.198	196	118840	39.845	ng	96
46) 1,1'-Biphenyl	9.334	154	442804	39.250	ng	99
47) 2-Chloronaphthalene	9.363	162	338493	40.128	ng	99
48) 2-Nitroaniline	9.457	65	118572	37.792	ng	98
49) Acenaphthylene	9.775	152	496432	39.097	ng	99
50) Dimethylphthalate	9.634	163	360738	37.480	ng	100
51) 2,6-Dinitrotoluene	9.698	165	82241	38.571	ng	95
52) Acenaphthene	9.945	154	336068	37.922	ng	99
53) 3-Nitroaniline	9.869	138	80027	37.556	ng	92
54) 2,4-Dinitrophenol	9.975	184	41152	34.637	ng	88
55) Dibenzofuran	10.122	168	469550	38.014	ng	95
56) 4-Nitrophenol	10.034	139	56972	32.312	ng	# 79
57) 2,4-Dinitrotoluene	10.098	165	108035	37.530	ng	96
58) Fluorene	10.463	166	368734	36.588	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	92778	37.604	ng	# 94
60) Diethylphthalate	10.334	149	351824	35.422	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	178730	36.492	ng	97
62) 4-Nitroaniline	10.481	138	76250m	32.787	ng	
63) Azobenzene	10.616	77	362217	37.078	ng	93
65) 4,6-Dinitro-2-methylph...	10.510	198	52734	41.445	ng	91
66) n-Nitrosodiphenylamine	10.575	169	298283	42.319	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	100762	42.177	ng	97
68) Hexachlorobenzene	11.010	284	111300	39.695	ng	99
69) Atrazine	11.098	200	58594	34.919	ng	98
70) Pentachlorophenol	11.204	266	60884	36.188	ng	99
71) Phenanthrene	11.422	178	456788	39.273	ng	100
72) Anthracene	11.475	178	448408	39.431	ng	99
73) Carbazole	11.633	167	403127	37.038	ng	99
74) Di-n-butylphthalate	11.957	149	437623	36.094	ng	99
75) Fluoranthene	12.610	202	420468	33.851	ng	98
77) Benzidine	12.739	184	49351	28.482	ng	98
78) Pyrene	12.839	202	421197	40.561	ng	99
80) Butylbenzylphthalate	13.457	149	128872	36.460	ng	98
81) Benzo(a)anthracene	14.027	228	311371	38.868	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	92275	39.333	ng	99
83) Chrysene	14.063	228	294895	40.012	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	158398	35.227	ng	99
85) Di-n-octyl phthalate	14.627	149	277388	41.889	ng	99
87) Indeno(1,2,3-cd)pyrene	16.992	276	396573	41.886	ng	97
88) Benzo(b)fluoranthene	15.080	252	340937	34.719	ng	98
89) Benzo(k)fluoranthene	15.110	252	335312	37.034	ng	99
90) Benzo(a)pyrene	15.451	252	316614	38.876	ng	100
91) Dibenzo(a,h)anthracene	17.010	278	323520	41.352	ng	99
92) Benzo(g,h,i)perylene	17.439	276	335516	43.313	ng	96

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

