

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092424\
 Data File : BF139515.D
 Acq On : 24 Sep 2024 12:32
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/25/2024
 Supervised By :mohammad ahmed 09/25/2024

Quant Time: Sep 24 13:08:21 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	75205	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	271569	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	148298	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	275994	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	144030	20.000	ng	0.00
86) Perylene-d12	15.510	264	146456	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	360776	78.260	ng	0.00
7) Phenol-d6	6.510	99	474170	78.363	ng	0.00
23) Nitrobenzene-d5	7.439	82	439165	76.024	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	112924	71.525	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	781191	73.881	ng	0.00
79) Terphenyl-d14	12.986	244	719617	82.009	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.640	88	76845	41.548	ng	97
3) Pyridine	3.399	79	188232	46.160	ng	97
4) n-Nitrosodimethylamine	3.357	42	126546	35.803	ng	# 83
6) Aniline	6.545	93	172114	37.691	ng	100
8) 2-Chlorophenol	6.663	128	187022	39.411	ng	99
9) Benzaldehyde	6.428	77	128913	36.875	ng	97
10) Phenol	6.522	94	247149	40.103	ng	95
11) bis(2-Chloroethyl)ether	6.616	93	190712	40.715	ng	99
12) 1,3-Dichlorobenzene	6.816	146	209769	38.869	ng	99
13) 1,4-Dichlorobenzene	6.898	146	212668	38.995	ng	99
14) 1,2-Dichlorobenzene	7.051	146	203290	39.449	ng	97
15) Benzyl Alcohol	7.022	79	174892	36.228	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	313161	43.382	ng	95
17) 2-Methylphenol	7.134	107	148802	39.467	ng	97
18) Hexachloroethane	7.387	117	79095	38.077	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	135937	37.911	ng	99
20) 3+4-Methylphenols	7.287	107	191198	37.170	ng	# 84
22) Acetophenone	7.287	105	261807	36.876	ng	97
24) Nitrobenzene	7.463	77	227150	38.206	ng	98
25) Isophorone	7.698	82	354802	38.836	ng	99
26) 2-Nitrophenol	7.775	139	96594	41.702	ng	92
27) 2,4-Dimethylphenol	7.810	122	122038m	39.942	ng	
28) bis(2-Chloroethoxy)met...	7.910	93	211716	40.662	ng	98
29) 2,4-Dichlorophenol	8.022	162	154533	39.812	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	175027	38.700	ng	99
31) Naphthalene	8.181	128	557825	39.346	ng	100
32) Benzoic acid	7.928	122	109092	38.153	ng	94
33) 4-Chloroaniline	8.234	127	178166	41.078	ng	98
34) Hexachlorobutadiene	8.298	225	114094	37.132	ng	99
35) Caprolactam	8.598	113	49098	41.120	ng	99
36) 4-Chloro-3-methylphenol	8.716	107	168534	37.992	ng	96
37) 2-Methylnaphthalene	8.875	142	346918	38.551	ng	99
38) 1-Methylnaphthalene	8.969	142	337583	38.210	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	167090	38.017	ng	99
41) Hexachlorocyclopentadiene	9.022	237	53081	34.590	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	112223	39.247	ng	99

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44) 2,4,5-Trichlorophenol	9.192	196	119961	39.772	ng	99
46) 1,1'-Biphenyl	9.333	154	441475	38.695	ng	99
47) 2-Chloronaphthalene	9.363	162	331226	38.829	ng	99
48) 2-Nitroaniline	9.457	65	123911	39.053	ng	99
49) Acenaphthylene	9.775	152	505026	39.330	ng	99
50) Dimethylphthalate	9.633	163	365361	37.537	ng	100
51) 2,6-Dinitrotoluene	9.698	165	87425	40.545	ng	93
52) Acenaphthene	9.951	154	339508	37.883	ng	99
53) 3-Nitroaniline	9.869	138	88286	40.969	ng	94
54) 2,4-Dinitrophenol	9.975	184	46023	38.304	ng	88
55) Dibenzofuran	10.122	168	482149	38.599	ng	95
56) 4-Nitrophenol	10.028	139	67648	37.938	ng	# 81
57) 2,4-Dinitrotoluene	10.104	165	116142	39.896	ng	95
58) Fluorene	10.463	166	381651	37.447	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	94509	37.878	ng	95
60) Diethylphthalate	10.333	149	379320	37.764	ng	98
61) 4-Chlorophenyl-phenyle...	10.451	204	182163	36.777	ng	97
62) 4-Nitroaniline	10.480	138	83815	35.638	ng	87
63) Azobenzene	10.616	77	380244	38.489	ng	95
65) 4,6-Dinitro-2-methylph...	10.510	198	60399	41.464	ng	95
66) n-Nitrosodiphenylamine	10.575	169	318326	39.450	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	107640	39.356	ng	98
68) Hexachlorobenzene	11.010	284	121934	37.987	ng	99
69) Atrazine	11.098	200	68453	35.634	ng	98
70) Pentachlorophenol	11.204	266	73136	37.972	ng	98
71) Phenanthrene	11.427	178	519578	39.020	ng	100
72) Anthracene	11.475	178	522939	40.168	ng	99
73) Carbazole	11.633	167	503393	40.399	ng	98
74) Di-n-butylphthalate	11.957	149	542817	39.107	ng	99
75) Fluoranthene	12.610	202	551449	38.780	ng	98
77) Benzidine	12.745	184	44920	21.769	ng	100
78) Pyrene	12.839	202	555668	44.932	ng	99
80) Butylbenzylphthalate	13.457	149	170793	40.574	ng	97
81) Benzo(a)anthracene	14.027	228	367022	38.470	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	94730	33.905	ng	99
83) Chrysene	14.063	228	347059	39.540	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	198852	37.134	ng	100
85) Di-n-octyl phthalate	14.627	149	284732	36.105	ng	100
87) Indeno(1,2,3-cd)pyrene	16.986	276	391949	45.007	ng	96
88) Benzo(b)fluoranthene	15.080	252	346382	38.349	ng	98
89) Benzo(k)fluoranthene	15.110	252	305745	36.712	ng	98
90) Benzo(a)pyrene	15.445	252	296420	39.570	ng	98
91) Dibenzo(a,h)anthracene	17.004	278	319732	44.431	ng	98
92) Benzo(g,h,i)perylene	17.439	276	336555	47.235	ng	97

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

