

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070124\
 Data File : BF138395.D
 Acq On : 01 Jul 2024 10:57
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 01 12:20:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:44:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/03/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	187099	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	770722	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	419344	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	692809	20.000	ng	# 0.00
76) Chrysene-d12	14.027	240	277818	20.000	ng	0.00
86) Perylene-d12	15.492	264	327746	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	914130	81.004	ng	0.00
7) Phenol-d6	6.516	99	1238226	81.452	ng	0.00
23) Nitrobenzene-d5	7.445	82	1184198	79.817	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	269953	78.793	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1937643	73.536	ng	0.00
79) Terphenyl-d14	12.980	244	1602438	79.045	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.657	88	225249	42.376	ng	99
3) Pyridine	3.410	79	558544	44.046	ng	98
4) n-Nitrosodimethylamine	3.381	42	331828	41.944	ng	97
6) Aniline	6.539	93	631447	42.565	ng	97
8) 2-Chlorophenol	6.663	128	498599	41.157	ng	99
9) Benzaldehyde	6.428	77	378888	40.381	ng	99
10) Phenol	6.528	94	669212	41.319	ng	97
11) bis(2-Chloroethyl)ether	6.616	93	536083	42.144	ng	99
12) 1,3-Dichlorobenzene	6.816	146	555286	40.025	ng	99
13) 1,4-Dichlorobenzene	6.892	146	556260	39.988	ng	98
14) 1,2-Dichlorobenzene	7.045	146	514136	40.035	ng	98
15) Benzyl Alcohol	7.016	79	449395	41.273	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	1061225	41.361	ng	99
17) 2-Methylphenol	7.134	107	413169	41.151	ng	99
18) Hexachloroethane	7.386	117	206233	41.102	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	377605	39.401	ng	99
20) 3+4-Methylphenols	7.286	107	484335	41.517	ng	99
22) Acetophenone	7.286	105	670803	38.365	ng	98
24) Nitrobenzene	7.463	77	608397	40.317	ng	98
25) Isophorone	7.698	82	1083227	39.596	ng	99
26) 2-Nitrophenol	7.775	139	270353	41.536	ng	97
27) 2,4-Dimethylphenol	7.810	122	337271	40.487	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	662748	40.248	ng	98
29) 2,4-Dichlorophenol	8.016	162	421787	39.422	ng	95
30) 1,2,4-Trichlorobenzene	8.098	180	478034	38.426	ng	99
31) Naphthalene	8.181	128	1514380	38.868	ng	99
32) Benzoic acid	7.939	122	318300m	42.333	ng	
33) 4-Chloroaniline	8.228	127	548175	40.285	ng	99
34) Hexachlorobutadiene	8.292	225	287226	38.455	ng	98
35) Caprolactam	8.610	113	139237	41.211	ng	95
36) 4-Chloro-3-methylphenol	8.710	107	459190	40.292	ng	99
37) 2-Methylnaphthalene	8.869	142	970417	38.538	ng	99
38) 1-Methylnaphthalene	8.969	142	943771	38.646	ng	100
40) 1,2,4,5-Tetrachloroben...	9.033	216	438176	37.777	ng	99
41) Hexachlorocyclopentadiene	9.022	237	129897	38.046	ng	100
43) 2,4,6-Trichlorophenol	9.145	196	289824	39.268	ng	99

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44) 2,4,5-Trichlorophenol	9.192	196	313661	39.076	ng	98
46) 1,1'-Biphenyl	9.333	154	1196789	38.223	ng	100
47) 2-Chloronaphthalene	9.357	162	919233	38.505	ng	98
48) 2-Nitroaniline	9.457	65	319654	41.510	ng	97
49) Acenaphthylene	9.775	152	1302106	38.783	ng	99
50) Dimethylphthalate	9.633	163	1047770	38.878	ng	99
51) 2,6-Dinitrotoluene	9.698	165	241299	39.977	ng	98
52) Acenaphthene	9.945	154	896885	39.013	ng	99
53) 3-Nitroaniline	9.869	138	242371	40.657	ng	98
54) 2,4-Dinitrophenol	9.969	184	84525	38.343	ng	94
55) Dibenzofuran	10.116	168	1228339	38.779	ng	98
56) 4-Nitrophenol	10.027	139	163618	42.331	ng	88
57) 2,4-Dinitrotoluene	10.098	165	305825	41.150	ng	100
58) Fluorene	10.463	166	913103	36.279	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	241318	40.476	ng	100
60) Diethylphthalate	10.333	149	983680	39.039	ng	98
61) 4-Chlorophenyl-phenyle...	10.451	204	469734	36.784	ng	98
62) 4-Nitroaniline	10.480	138	228851	41.824	ng	99
63) Azobenzene	10.610	77	1072602	40.307	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	137053	38.281	ng	# 75
66) n-Nitrosodiphenylamine	10.569	169	812337	37.769	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	282888	37.988	ng	97
68) Hexachlorobenzene	11.004	284	300596	36.623	ng	98
69) Atrazine	11.098	200	244099	40.478	ng	98
70) Pentachlorophenol	11.198	266	172438	41.393	ng	99
71) Phenanthrene	11.422	178	1282541	37.916	ng	100
72) Anthracene	11.474	178	1297614	38.467	ng	99
73) Carbazole	11.627	167	1106911	39.524	ng	100
74) Di-n-butylphthalate	11.957	149	1414108	39.843	ng	99
75) Fluoranthene	12.604	202	1220401	40.243	ng	97
77) Benzidine	12.727	184	26472	11.916	ng	99
78) Pyrene	12.833	202	1193068	40.180	ng	99
80) Butylbenzylphthalate	13.451	149	393074	43.504	ng	99
81) Benzo(a)anthracene	14.015	228	708355	39.613	ng	99
82) 3,3'-Dichlorobenzidine	13.980	252	197323	37.376	ng	99
83) Chrysene	14.057	228	690493	39.683	ng	98
84) Bis(2-ethylhexyl)phtha...	14.004	149	474423	41.869	ng	100
85) Di-n-octyl phthalate	14.615	149	765650	38.604	ng	99
87) Indeno(1,2,3-cd)pyrene	16.962	276	624316	37.911	ng	98
88) Benzo(b)fluoranthene	15.062	252	706658	39.298	ng	97
89) Benzo(k)fluoranthene	15.098	252	660194	39.860	ng	100
90) Benzo(a)pyrene	15.433	252	619683	39.316	ng	100
91) Dibenzo(a,h)anthracene	16.980	278	506013	38.067	ng	99
92) Benzo(g,h,i)perylene	17.409	276	506145	38.923	ng	98

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

