

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102523\
 Data File : BF135941.D
 Acq On : 25 Oct 2023 14:07
 Operator : CG\JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/26/2023
 Supervised By :mohammad ahmed 10/26/2023

Quant Time: Oct 26 03:52:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:12:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	180151	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	723223	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	366289	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	684058	20.000	ng	0.00
76) Chrysene-d12	14.010	240	417145	20.000	ng	0.00
86) Perylene-d12	15.492	264	400794	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1108320	95.000	ng	0.00
7) Phenol-d6	6.457	99	1384690	95.335	ng	0.00
23) Nitrobenzene-d5	7.392	82	1086637	95.641	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	333320	103.964	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	2046422	89.460	ng	0.00
79) Terphenyl-d14	12.957	244	2396597	95.990	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.616	88	261019	48.164	ng	100
3) Pyridine	3.375	79	727092	48.608	ng	99
4) n-Nitrosodimethylamine	3.346	42	320084	49.075	ng	100
6) Aniline	6.498	93	938654	47.995	ng	99
8) 2-Chlorophenol	6.610	128	580501	48.064	ng	98
9) Benzaldehyde	6.381	77	362659	46.158	ng	99
10) Phenol	6.475	94	726959m	47.874	ng	
11) bis(2-Chloroethyl)ether	6.569	93	562547	47.596	ng	96
12) 1,3-Dichlorobenzene	6.769	146	609155	47.484	ng	96
13) 1,4-Dichlorobenzene	6.845	146	612475	47.538	ng	100
14) 1,2-Dichlorobenzene	6.998	146	560910	46.882	ng	99
15) Benzyl Alcohol	6.969	79	491222	47.842	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.104	45	825604	47.433	ng	100
17) 2-Methylphenol	7.075	107	509418	47.857	ng	98
18) Hexachloroethane	7.339	117	214230	48.900	ng	93
19) n-Nitroso-di-n-propyla...	7.245	70	395577	47.894	ng	99
20) 3+4-Methylphenols	7.234	107	604560	47.058	ng	89
22) Acetophenone	7.239	105	755556	46.255	ng	94
24) Nitrobenzene	7.410	77	566240	47.316	ng	97
25) Isophorone	7.645	82	1094138	47.862	ng	100
26) 2-Nitrophenol	7.722	139	212212	49.963	ng	99
27) 2,4-Dimethylphenol	7.763	122	501808	48.163	ng	99
28) bis(2-Chloroethoxy)met...	7.863	93	661095	47.093	ng	98
29) 2,4-Dichlorophenol	7.963	162	467235	50.079	ng	96
30) 1,2,4-Trichlorobenzene	8.045	180	500325	47.363	ng	100
31) Naphthalene	8.128	128	1630592	46.634	ng	100
32) Benzoic acid	7.886	122	255282m	48.711	ng	
33) 4-Chloroaniline	8.181	127	733450	47.459	ng	96
34) Hexachlorobutadiene	8.245	225	285767	47.995	ng	98
35) Caprolactam	8.563	113	156712	50.474	ng	96
36) 4-Chloro-3-methylphenol	8.657	107	487105	49.129	ng	97
37) 2-Methylnaphthalene	8.822	142	1078138	46.602	ng	99
38) 1-Methylnaphthalene	8.922	142	1004965	46.489	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	485737	46.952	ng	99
41) Hexachlorocyclopentadiene	8.975	237	262360	51.431	ng	98
43) 2,4,6-Trichlorophenol	9.098	196	308811	51.000	ng	99

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44) 2,4,5-Trichlorophenol	9.133	196	363667	50.585	ng	95
46) 1,1'-Biphenyl	9.286	154	1289730	46.469	ng	99
47) 2-Chloronaphthalene	9.310	162	961715	46.846	ng	98
48) 2-Nitroaniline	9.404	65	275902	49.000	ng	99
49) Acenaphthylene	9.727	152	1515294	46.787	ng	99
50) Dimethylphthalate	9.592	163	1121471	47.212	ng	99
51) 2,6-Dinitrotoluene	9.651	165	235145	47.775	ng	93
52) Acenaphthene	9.898	154	977386	47.090	ng	99
53) 3-Nitroaniline	9.822	138	277683	47.207	ng	92
54) 2,4-Dinitrophenol	9.922	184	61585	49.705	ng	92
55) Dibenzofuran	10.074	168	1401356	46.735	ng	97
56) 4-Nitrophenol	9.969	139	216701	47.911	ng	88
57) 2,4-Dinitrotoluene	10.057	165	293030	48.063	ng	95
58) Fluorene	10.416	166	1025987	45.735	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	277282	51.255	ng	99
60) Diethylphthalate	10.298	149	1082523	47.791	ng	98
61) 4-Chlorophenyl-phenyle...	10.410	204	494595	45.706	ng	98
62) 4-Nitroaniline	10.439	138	276721	47.483	ng	99
63) Azobenzene	10.574	77	1083158	47.120	ng	95
65) 4,6-Dinitro-2-methylph...	10.463	198	110473	49.308	ng	84
66) n-Nitrosodiphenylamine	10.533	169	960725	46.490	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	331797	47.362	ng	94
68) Hexachlorobenzene	10.963	284	354710	47.398	ng	# 91
69) Atrazine	11.063	200	261877	46.485	ng	98
70) Pentachlorophenol	11.151	266	220179	48.178	ng	98
71) Phenanthrene	11.380	178	1604117	46.351	ng	99
72) Anthracene	11.433	178	1648905	46.531	ng	99
73) Carbazole	11.586	167	1476715	46.715	ng	99
74) Di-n-butylphthalate	11.927	149	1625877	48.335	ng	100
75) Fluoranthene	12.574	202	1700545	46.706	ng	98
77) Benzidine	12.698	184	338038	42.026	ng	99
78) Pyrene	12.804	202	1734086	49.510	ng	100
80) Butylbenzylphthalate	13.439	149	626035	47.351	ng	99
81) Benzo(a)anthracene	13.998	228	1359450	47.929	ng	100
82) 3,3'-Dichlorobenzidine	13.968	252	413051	47.867	ng	# 97
83) Chrysene	14.039	228	1321701	47.845	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	741294	51.469	ng	99
85) Di-n-octyl phthalate	14.621	149	1150655	50.715	ng	100
87) Indeno(1,2,3-cd)pyrene	16.998	276	1228974	54.077	ng	99
88) Benzo(b)fluoranthene	15.057	252	1115976	46.787	ng	99
89) Benzo(k)fluoranthene	15.086	252	1146960	48.961	ng	99
90) Benzo(a)pyrene	15.427	252	1079718	49.116	ng	99
91) Dibenzo(a,h)anthracene	17.027	278	1012283	52.074	ng	99
92) Benzo(g,h,i)perylene	17.462	276	1033729	46.867	ng	99

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

