

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060324\
 Data File : BF138096.D
 Acq On : 03 Jun 2024 09:57
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
 Supervised By :mohammad ahmed 06/05/2024

Quant Time: Jun 03 11:58:22 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF053124.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Jun 01 01:21:05 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	135624	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	516049	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	296018	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	516267	20.000	ng	0.00
76) Chrysene-d12	14.233	240	312307	20.000	ng	# 0.00
86) Perylene-d12	15.804	264	289186	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.657	112	594307	78.334	ng	0.00
7) Phenol-d6	6.657	99	763118	78.111	ng	0.00
23) Nitrobenzene-d5	7.604	82	702060	79.274	ng	0.00
42) 2,4,6-Tribromophenol	10.881	330	264065	76.476	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1504919	75.359	ng	0.00
79) Terphenyl-d14	13.169	244	1716299	79.493	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.940	88	132408	40.199	ng	98
3) Pyridine	3.710	79	315173	43.304	ng	97
4) n-Nitrosodimethylamine	3.681	42	131563	41.153	ng	98
6) Aniline	6.704	93	296347m	69.357	ng	
8) 2-Chlorophenol	6.822	128	342916	39.400	ng	98
9) Benzaldehyde	6.587	77	154314	35.532	ng	95
10) Phenol	6.675	94	384192	39.693	ng	97
11) bis(2-Chloroethyl)ether	6.769	93	310094	38.733	ng	99
12) 1,3-Dichlorobenzene	6.975	146	396490	39.204	ng	97
13) 1,4-Dichlorobenzene	7.051	146	399470	39.292	ng	98
14) 1,2-Dichlorobenzene	7.210	146	373631	38.839	ng	100
15) Benzyl Alcohol	7.175	79	182964	42.234	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.304	45	356854	40.442	ng	100
17) 2-Methylphenol	7.281	107	270581	38.731	ng	98
18) Hexachloroethane	7.545	117	134313	38.891	ng	93
19) n-Nitroso-di-n-propyla...	7.445	70	214206	37.811	ng	99
20) 3+4-Methylphenols	7.434	107	344258	39.199	ng	96
22) Acetophenone	7.445	105	454868	39.124	ng	98
24) Nitrobenzene	7.622	77	352330	39.971	ng	99
25) Isophorone	7.857	82	604035	39.533	ng	99
26) 2-Nitrophenol	7.934	139	190791	40.497	ng	100
27) 2,4-Dimethylphenol	7.963	122	229058	40.617	ng	96
28) bis(2-Chloroethoxy)met...	8.057	93	375957	40.207	ng	99
29) 2,4-Dichlorophenol	8.175	162	304896	40.283	ng	96
30) 1,2,4-Trichlorobenzene	8.257	180	330783	39.435	ng	98
31) Naphthalene	8.345	128	1037169	39.062	ng	100
32) Benzoic acid	8.087	122	169418	39.663	ng	97
33) 4-Chloroaniline	8.404	127	366471m	40.898	ng	
34) Hexachlorobutadiene	8.451	225	209787	38.721	ng	97
35) Caprolactam	8.769	113	92994m	40.649	ng	
36) 4-Chloro-3-methylphenol	8.869	107	304399	40.118	ng	97
37) 2-Methylnaphthalene	9.034	142	681178	38.992	ng	98
38) 1-Methylnaphthalene	9.134	142	664865	39.108	ng	100
40) 1,2,4,5-Tetrachloroben...	9.198	216	323355	38.483	ng	100
41) Hexachlorocyclopentadiene	9.181	237	116892	39.880	ng	99
43) 2,4,6-Trichlorophenol	9.316	196	219044	39.300	ng	97

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 QLast Update : Sat Jun 01 01:21:05 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.363	196	240093	39.508	ng	96
46) 1,1'-Biphenyl	9.498	154	822170	38.616	ng	98
47) 2-Chloronaphthalene	9.528	162	659673	38.632	ng	97
48) 2-Nitroaniline	9.628	65	173101	40.483	ng	97
49) Acenaphthylene	9.945	152	961447	39.343	ng	99
50) Dimethylphthalate	9.798	163	761086	38.800	ng	99
51) 2,6-Dinitrotoluene	9.863	165	181271	40.253	ng	89
52) Acenaphthene	10.122	154	600235	38.781	ng	99
53) 3-Nitroaniline	10.039	138	174562	40.724	ng	93
54) 2,4-Dinitrophenol	10.145	184	89417	40.839	ng	96
55) Dibenzofuran	10.292	168	928158	39.058	ng	99
56) 4-Nitrophenol	10.198	139	123494	43.226	ng	97
57) 2,4-Dinitrotoluene	10.275	165	240226	40.452	ng	93
58) Fluorene	10.639	166	740030	38.651	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.410	232	197850	41.320	ng	98
60) Diethylphthalate	10.498	149	734755	39.438	ng	99
61) 4-Chlorophenyl-phenyle...	10.622	204	375387	38.827	ng	94
62) 4-Nitroaniline	10.657	138	160649	41.281	ng	97
63) Azobenzene	10.786	77	638291	39.869	ng	98
65) 4,6-Dinitro-2-methylph...	10.681	198	132403	40.900	ng	93
66) n-Nitrosodiphenylamine	10.745	169	632864	39.406	ng	99
67) 4-Bromophenyl-phenylether	11.116	248	236000	39.000	ng	93
68) Hexachlorobenzene	11.186	284	257515	38.297	ng	97
69) Atrazine	11.269	200	185018	41.728	ng	100
70) Pentachlorophenol	11.380	266	144496	41.509	ng	95
71) Phenanthrene	11.610	178	1010485	38.912	ng	100
72) Anthracene	11.657	178	1004935	38.802	ng	99
73) Carbazole	11.816	167	942175	39.155	ng	100
74) Di-n-butylphthalate	12.128	149	1136061	39.560	ng	100
75) Fluoranthene	12.804	202	1080926	39.450	ng	98
77) Benzidine	12.933	184	119092	33.705	ng	97
78) Pyrene	13.033	202	1076267	40.566	ng	99
80) Butylbenzylphthalate	13.633	149	391286	40.621	ng	93
81) Benzo(a)anthracene	14.221	228	809287	39.678	ng	98
82) 3,3'-Dichlorobenzidine	14.180	252	209096	38.269	ng	98
83) Chrysene	14.263	228	754838	39.195	ng	99
84) Bis(2-ethylhexyl)phtha...	14.186	149	538298	41.077	ng	99
85) Di-n-octyl phthalate	14.816	149	778329	40.528	ng	98
87) Indeno(1,2,3-cd)pyrene	17.439	276	702713	40.315	ng	99
88) Benzo(b)fluoranthene	15.327	252	696081	39.072	ng	98
89) Benzo(k)fluoranthene	15.363	252	663781	39.214	ng	99
90) Benzo(a)pyrene	15.733	252	590979	39.683	ng	99
91) Dibenzo(a,h)anthracene	17.457	278	585472	40.941	ng	97
92) Benzo(g,h,i)perylene	17.939	276	581212	40.014	ng	99

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

