

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052924\
 Data File : BF138054.D
 Acq On : 29 May 2024 11:55
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 05/31/2024

Quant Time: May 29 12:22:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.040	152	149272	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	569743	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	321541	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	550617	20.000	ng	0.00
76) Chrysene-d12	14.233	240	310757	20.000	ng	0.00
86) Perylene-d12	15.804	264	289703	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.663	112	685813	78.042	ng	0.00
7) Phenol-d6	6.657	99	844949	78.055	ng	0.00
23) Nitrobenzene-d5	7.604	82	777874	80.349	ng	0.00
42) 2,4,6-Tribromophenol	10.880	330	276163	85.180	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1657030	79.382	ng	0.00
79) Terphenyl-d14	13.169	244	1727843	81.945	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.934	88	145310	38.170	ng	99
3) Pyridine	3.710	79	350510	41.034	ng	99
4) n-Nitrosodimethylamine	3.675	42	141189	37.468	ng	100
6) Aniline	6.704	93	419834m	43.361	ng	
8) 2-Chlorophenol	6.822	128	380429	40.003	ng	98
9) Benzaldehyde	6.593	77	248224	42.383	ng	99
10) Phenol	6.669	94	433492	39.674	ng	98
11) bis(2-Chloroethyl)ether	6.769	93	336703	40.134	ng	99
12) 1,3-Dichlorobenzene	6.981	146	437597	39.770	ng	99
13) 1,4-Dichlorobenzene	7.057	146	440899	39.920	ng	99
14) 1,2-Dichlorobenzene	7.210	146	409067	39.353	ng	99
15) Benzyl Alcohol	7.175	79	305168	42.218	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.304	45	417572	40.492	ng	98
17) 2-Methylphenol	7.281	107	302134	39.837	ng	98
18) Hexachloroethane	7.551	117	151641	40.574	ng	96
19) n-Nitroso-di-n-propyla...	7.445	70	247078	40.626	ng	99
20) 3+4-Methylphenols	7.434	107	396115	39.868	ng	91
22) Acetophenone	7.445	105	511798	40.099	ng	98
24) Nitrobenzene	7.622	77	398910	40.617	ng	98
25) Isophorone	7.857	82	683880	40.701	ng	97
26) 2-Nitrophenol	7.934	139	214504	43.467	ng	98
27) 2,4-Dimethylphenol	7.963	122	255985	40.290	ng	98
28) bis(2-Chloroethoxy)met...	8.063	93	419057	41.151	ng	99
29) 2,4-Dichlorophenol	8.175	162	329425	41.232	ng	98
30) 1,2,4-Trichlorobenzene	8.257	180	368398	41.298	ng	99
31) Naphthalene	8.345	128	1150497	40.161	ng	100
32) Benzoic acid	8.075	122	237929m	44.300	ng	
33) 4-Chloroaniline	8.387	127	404380	43.060	ng	99
34) Hexachlorobutadiene	8.451	225	232574	41.191	ng	97
35) Caprolactam	8.769	113	99487	42.980	ng	97
36) 4-Chloro-3-methylphenol	8.863	107	334629	41.173	ng	100
37) 2-Methylnaphthalene	9.039	142	754107	40.953	ng	99
38) 1-Methylnaphthalene	9.139	142	733327	40.509	ng	99
40) 1,2,4,5-Tetrachloroben...	9.204	216	362067	41.419	ng	99
41) Hexachlorocyclopentadiene	9.186	237	130486	39.285	ng	98
43) 2,4,6-Trichlorophenol	9.310	196	238182	41.557	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052924\
 Data File : BF138054.D
 Acq On : 29 May 2024 11:55
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 29 12:22:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
 Supervised By :mohammad ahmed 05/31/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.351	196	262325	41.829	ng	95
46) 1,1'-Biphenyl	9.504	154	913520	40.506	ng	98
47) 2-Chloronaphthalene	9.534	162	726222	40.339	ng	99
48) 2-Nitroaniline	9.622	65	189073	41.013	ng	99
49) Acenaphthylene	9.951	152	1051801	40.632	ng	99
50) Dimethylphthalate	9.798	163	837517	41.537	ng	99
51) 2,6-Dinitrotoluene	9.863	165	198539	42.902	ng	97
52) Acenaphthene	10.122	154	702180	41.042	ng	99
53) 3-Nitroaniline	10.039	138	191343	42.294	ng	96
54) 2,4-Dinitrophenol	10.139	184	93840	41.233	ng	# 85
55) Dibenzofuran	10.292	168	1005953	40.401	ng	100
56) 4-Nitrophenol	10.186	139	129775	39.939	ng	96
57) 2,4-Dinitrotoluene	10.269	165	261822	43.764	ng	# 89
58) Fluorene	10.639	166	801307	40.687	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.410	232	208442	42.309	ng	98
60) Diethylphthalate	10.498	149	797884	42.370	ng	100
61) 4-Chlorophenyl-phenyle...	10.628	204	406831	41.888	ng	90
62) 4-Nitroaniline	10.657	138	175549	40.911	ng	97
63) Azobenzene	10.786	77	695357	40.596	ng	99
65) 4,6-Dinitro-2-methylph...	10.681	198	141093	44.379	ng	94
66) n-Nitrosodiphenylamine	10.745	169	675970	40.032	ng	99
67) 4-Bromophenyl-phenylether	11.116	248	251443	41.655	ng	100
68) Hexachlorobenzene	11.186	284	274734	41.174	ng	# 95
69) Atrazine	11.263	200	172576	37.428	ng	98
70) Pentachlorophenol	11.380	266	163938	41.944	ng	98
71) Phenanthrene	11.610	178	1073918	39.578	ng	99
72) Anthracene	11.663	178	1080726	40.143	ng	100
73) Carbazole	11.816	167	973349	39.578	ng	99
74) Di-n-butylphthalate	12.127	149	1188675	43.553	ng	99
75) Fluoranthene	12.804	202	1103114	40.053	ng	99
77) Benzidine	12.916	184	263443	64.867	ng	100
78) Pyrene	13.033	202	1094463	40.267	ng	99
80) Butylbenzylphthalate	13.633	149	390053	47.577	ng	97
81) Benzo(a)anthracene	14.221	228	809710	41.185	ng	100
82) 3,3'-Dichlorobenzidine	14.180	252	257378	47.238	ng	100
83) Chrysene	14.263	228	763049	40.582	ng	100
84) Bis(2-ethylhexyl)phtha...	14.186	149	480854	46.659	ng	97
85) Di-n-octyl phthalate	14.816	149	740173	53.164	ng	99
87) Indeno(1,2,3-cd)pyrene	17.445	276	747330	40.152	ng	99
88) Benzo(b)fluoranthene	15.333	252	687019	40.957	ng	99
89) Benzo(k)fluoranthene	15.363	252	676729	41.067	ng	99
90) Benzo(a)pyrene	15.733	252	603030	42.101	ng	98
91) Dibenzo(a,h)anthracene	17.462	278	611706	39.778	ng	98
92) Benzo(g,h,i)perylene	17.945	276	627298	38.831	ng	98

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

