

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122023\
 Data File : BF136645.D
 Acq On : 20 Dec 2023 12:30
 Operator : CG\JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2023
 Supervised By :mohammad ahmed 12/21/2023

Quant Time: Dec 20 17:12:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 17:02:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	71564	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	278971	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	149666	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	284111	20.000	ng	0.00
76) Chrysene-d12	13.968	240	155152	20.000	ng	0.00
86) Perylene-d12	15.445	264	135880	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	369490	80.559	ng	0.00
7) Phenol-d6	6.439	99	477662	80.372	ng	0.00
23) Nitrobenzene-d5	7.357	82	450539	82.641	ng	0.00
42) 2,4,6-Tribromophenol	10.621	330	143612	81.475	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	882714	79.326	ng	0.00
79) Terphenyl-d14	12.915	244	922427	83.084	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.546	88	74400	38.931	ng	100
3) Pyridine	3.304	79	188517	40.430	ng	100
4) n-Nitrosodimethylamine	3.275	42	102283	41.078	ng	100
6) Aniline	6.463	93	240362	40.452	ng	100
8) 2-Chlorophenol	6.581	128	202892	40.423	ng	100
9) Benzaldehyde	6.351	77	133601	39.522	ng	100
10) Phenol	6.451	94	253406	39.942	ng	100
11) bis(2-Chloroethyl)ether	6.534	93	195535	40.527	ng	100
12) 1,3-Dichlorobenzene	6.734	146	221015	40.364	ng	100
13) 1,4-Dichlorobenzene	6.810	146	224880	40.195	ng	100
14) 1,2-Dichlorobenzene	6.963	146	208913	40.129	ng	100
15) Benzyl Alcohol	6.939	79	163888	40.875	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.069	45	320140	40.585	ng	100
17) 2-Methylphenol	7.051	107	165761	39.864	ng	100
18) Hexachloroethane	7.298	117	81342	40.034	ng	100
19) n-Nitroso-di-n-propyla...	7.210	70	143294	39.774	ng	100
20) 3+4-Methylphenols	7.204	107	207470	39.938	ng	100
22) Acetophenone	7.204	105	284301	40.659	ng	100
24) Nitrobenzene	7.375	77	227921	41.735	ng	100
25) Isophorone	7.616	82	406083	40.936	ng	100
26) 2-Nitrophenol	7.692	139	110438	42.267	ng	100
27) 2,4-Dimethylphenol	7.728	122	131331	41.286	ng	100
28) bis(2-Chloroethoxy)met...	7.822	93	250807	41.594	ng	100
29) 2,4-Dichlorophenol	7.933	162	169394	41.363	ng	100
30) 1,2,4-Trichlorobenzene	8.016	180	187905	41.181	ng	100
31) Naphthalene	8.092	128	628366	41.000	ng	100
32) Benzoic acid	7.857	122	137136m	44.891	ng	
33) 4-Chloroaniline	8.145	127	232595	41.105	ng	100
34) Hexachlorobutadiene	8.210	225	113421	40.913	ng	100
35) Caprolactam	8.522	113	56367	41.710	ng	100
36) 4-Chloro-3-methylphenol	8.633	107	189537	41.111	ng	100
37) 2-Methylnaphthalene	8.786	142	401667	40.723	ng	100
38) 1-Methylnaphthalene	8.886	142	391145	40.421	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	189749	40.938	ng	100
41) Hexachlorocyclopentadiene	8.933	237	54570	39.562	ng	100
43) 2,4,6-Trichlorophenol	9.063	196	122348	41.159	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122023\
 Data File : BF136645.D
 Acq On : 20 Dec 2023 12:30
 Operator : CG\JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/21/2023
 Supervised By :mohammad ahmed 12/21/2023

Quant Time: Dec 20 17:12:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 17:02:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	136092	41.084	ng	100
46) 1,1'-Biphenyl	9.251	154	503138	40.061	ng	100
47) 2-Chloronaphthalene	9.275	162	385764	40.404	ng	100
48) 2-Nitroaniline	9.375	65	122377	40.931	ng	100
49) Acenaphthylene	9.692	152	593833	40.691	ng	100
50) Dimethylphthalate	9.557	163	438063	40.072	ng	100
51) 2,6-Dinitrotoluene	9.622	165	101443	40.888	ng	100
52) Acenaphthene	9.863	154	363838	40.220	ng	100
53) 3-Nitroaniline	9.786	138	108925	41.445	ng	100
54) 2,4-Dinitrophenol	9.898	184	54980	41.853	ng	100
55) Dibenzofuran	10.033	168	549249	40.053	ng	100
56) 4-Nitrophenol	9.957	139	75576	42.598	ng	100
57) 2,4-Dinitrotoluene	10.022	165	133423	41.425	ng	100
58) Fluorene	10.380	166	434356	39.920	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	106442	41.453	ng	100
60) Diethylphthalate	10.257	149	460599	40.608	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	212701	40.218	ng	100
62) 4-Nitroaniline	10.404	138	99715m	38.407	ng	
63) Azobenzene	10.533	77	425387	40.153	ng	100
65) 4,6-Dinitro-2-methylph...	10.433	198	73730	45.282	ng	100
66) n-Nitrosodiphenylamine	10.492	169	383522	41.555	ng	100
67) 4-Bromophenyl-phenylether	10.863	248	129869	41.159	ng	100
68) Hexachlorobenzene	10.927	284	144698	41.151	ng	100
69) Atrazine	11.021	200	81765	34.638	ng	100
70) Pentachlorophenol	11.121	266	73739	44.991	ng	100
71) Phenanthrene	11.345	178	603342	41.387	ng	100
72) Anthracene	11.398	178	601653	40.753	ng	100
73) Carbazole	11.557	167	570413	40.980	ng	100
74) Di-n-butylphthalate	11.886	149	695991	40.977	ng	100
75) Fluoranthene	12.539	202	635597	40.761	ng	100
77) Benzidine	12.663	184	173637	37.955	ng	100
78) Pyrene	12.768	202	635271	41.710	ng	100
80) Butylbenzylphthalate	13.392	149	234387	42.293	ng	100
81) Benzo(a)anthracene	13.962	228	443065	41.125	ng	100
82) 3,3'-Dichlorobenzidine	13.927	252	122522	40.045	ng	100
83) Chrysene	13.998	228	426069	40.441	ng	100
84) Bis(2-ethylhexyl)phtha...	13.951	149	293545	42.098	ng	100
85) Di-n-octyl phthalate	14.568	149	450515	41.768	ng	100
87) Indeno(1,2,3-cd)pyrene	16.951	276	412136	42.009	ng	100
88) Benzo(b)fluoranthene	15.015	252	359117	39.570	ng	100
89) Benzo(k)fluoranthene	15.045	252	354430	41.344	ng	100
90) Benzo(a)pyrene	15.386	252	312321	40.769	ng	100
91) Dibenzo(a,h)anthracene	16.968	278	343487	42.676	ng	100
92) Benzo(g,h,i)perylene	17.409	276	349328	42.376	ng	100

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

