

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062824\
 Data File : BF138386.D
 Acq On : 28 Jun 2024 14:00
 Operator : CG\JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/29/2024
 Supervised By :mohammad ahmed 06/29/2024

Quant Time: Jun 29 02:33:53 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 02:31:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	161541	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	655305	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	371302	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	596239	20.000	ng	0.00
76) Chrysene-d12	14.027	240	233706	20.000	ng	# 0.00
86) Perylene-d12	15.492	264	283219	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	214770	22.043	ng	0.00
7) Phenol-d6	6.504	99	289517	22.058	ng	-0.01
23) Nitrobenzene-d5	7.434	82	263815	20.913	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	65328	21.535	ng	-0.01
45) 2-Fluorobiphenyl	9.227	172	553060	23.705	ng	0.00
79) Terphenyl-d14	12.968	244	400979	23.513	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	48591	10.588	ng	99
3) Pyridine	3.422	79	107209	9.792	ng	100
4) n-Nitrosodimethylamine	3.363	42	69989	10.246	ng	97
6) Aniline	6.534	93	135836	10.605	ng	98
8) 2-Chlorophenol	6.657	128	113846	10.884	ng	95
9) Benzaldehyde	6.422	77	96294	11.886	ng	99
10) Phenol	6.516	94	154219	11.028	ng	90
11) bis(2-Chloroethyl)ether	6.604	93	115500	10.517	ng	95
12) 1,3-Dichlorobenzene	6.810	146	131724	10.997	ng	97
13) 1,4-Dichlorobenzene	6.892	146	132403	11.024	ng	96
14) 1,2-Dichlorobenzene	7.039	146	124257	11.207	ng	98
15) Benzyl Alcohol	7.010	79	100098	10.648	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.145	45	240649	10.863	ng	99
17) 2-Methylphenol	7.128	107	93378	10.772	ng	95
18) Hexachloroethane	7.386	117	46370	10.704	ng	93
19) n-Nitroso-di-n-propyla...	7.275	70	89606	10.829	ng	98
20) 3+4-Methylphenols	7.281	107	119890	11.903	ng	91
22) Acetophenone	7.275	105	164406	11.059	ng	# 95
24) Nitrobenzene	7.451	77	135025	10.524	ng	98
25) Isophorone	7.686	82	246510	10.598	ng	99
26) 2-Nitrophenol	7.769	139	54104	9.776	ng	99
27) 2,4-Dimethylphenol	7.804	122	73967	10.443	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	149349	10.667	ng	99
29) 2,4-Dichlorophenol	8.016	162	98009	10.774	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	115348	10.905	ng	99
31) Naphthalene	8.175	128	368088	11.111	ng	99
32) Benzoic acid	7.886	122	41955	10.071	ng	96
33) 4-Chloroaniline	8.222	127	121343	10.488	ng	99
34) Hexachlorobutadiene	8.292	225	69872	11.003	ng	99
35) Caprolactam	8.563	113	29880	10.401	ng	91
36) 4-Chloro-3-methylphenol	8.704	107	103888	10.721	ng	97
37) 2-Methylnaphthalene	8.863	142	240701	11.242	ng	98
38) 1-Methylnaphthalene	8.963	142	236516	11.391	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	112950	10.998	ng	98
41) Hexachlorocyclopentadiene	9.016	237	21816	7.216	ng	97
43) 2,4,6-Trichlorophenol	9.145	196	66804	10.222	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062824\
 Data File : BF138386.D
 Acq On : 28 Jun 2024 14:00
 Operator : CG\JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/29/2024
 Supervised By :mohammad ahmed 06/29/2024

Quant Time: Jun 29 02:33:53 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 02:31:37 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	75206	10.582	ng	99
46) 1,1'-Biphenyl	9.328	154	307545	11.093	ng	99
47) 2-Chloronaphthalene	9.351	162	228575	10.813	ng	98
48) 2-Nitroaniline	9.445	65	68780	10.087	ng	91
49) Acenaphthylene	9.769	152	327751	11.025	ng	99
50) Dimethylphthalate	9.622	163	253278	10.614	ng	99
51) 2,6-Dinitrotoluene	9.686	165	56531	10.578	ng	98
52) Acenaphthene	9.939	154	220284	10.822	ng	99
53) 3-Nitroaniline	9.857	138	54761	10.375	ng	93
54) 2,4-Dinitrophenol	9.963	184	6944	11.659	ng	95
55) Dibenzofuran	10.110	168	310933	11.086	ng	97
56) 4-Nitrophenol	10.027	139	28268	8.260	ng	95
57) 2,4-Dinitrotoluene	10.086	165	66746	10.143	ng	97
58) Fluorene	10.451	166	248135	11.134	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.227	232	54734	10.368	ng	97
60) Diethylphthalate	10.322	149	242521	10.870	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	125356	11.087	ng	99
62) 4-Nitroaniline	10.463	138	48059	9.920	ng	100
63) Azobenzene	10.604	77	256761	10.897	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	16929	10.462	ng	# 76
66) n-Nitrosodiphenylamine	10.563	169	206834	11.174	ng	98
67) 4-Bromophenyl-phenylether	10.933	248	71154	11.103	ng	98
68) Hexachlorobenzene	10.998	284	77054	10.908	ng	97
69) Atrazine	11.086	200	58525	11.277	ng	98
70) Pentachlorophenol	11.192	266	27266m	7.624	ng	
71) Phenanthrene	11.416	178	318273	10.933	ng	99
72) Anthracene	11.469	178	320495	11.040	ng	99
73) Carbazole	11.621	167	256630	10.648	ng	99
74) Di-n-butylphthalate	11.951	149	328332	10.749	ng	99
75) Fluoranthene	12.598	202	282187	10.812	ng	98
77) Benzidine	12.727	184	15398	8.239	ng	95
78) Pyrene	12.827	202	271879	10.885	ng	98
80) Butylbenzylphthalate	13.445	149	74633	9.819	ng	100
81) Benzo(a)anthracene	14.015	228	157410	10.464	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	46004	10.358	ng	# 98
83) Chrysene	14.051	228	150658	10.293	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	95490	10.018	ng	100
85) Di-n-octyl phthalate	14.615	149	166682	9.990	ng	99
87) Indeno(1,2,3-cd)pyrene	16.951	276	130597	9.177	ng	99
88) Benzo(b)fluoranthene	15.062	252	159076	10.237	ng	99
89) Benzo(k)fluoranthene	15.086	252	154150	10.770	ng	100
90) Benzo(a)pyrene	15.427	252	142258	10.445	ng	98
91) Dibenzo(a,h)anthracene	16.974	278	105962	9.225	ng	97
92) Benzo(g,h,i)perylene	17.398	276	103199	9.184	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062824\
Data File : BF138386.D
Acq On : 28 Jun 2024 14:00
Operator : CG\JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Jun 29 02:33:53 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 02:31:37 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/29/2024
Supervised By :mohammad ahmed 06/29/2024

