

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062624\
 Data File : BF138356.D
 Acq On : 26 Jun 2024 17:27
 Operator : CG\JU
 Sample : P2915-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-NORTH-1MS

Quant Time: Jun 27 01:54:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/27/2024
 Supervised By :mohammad ahmed 06/27/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	239461	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	915515	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	493754	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	862486	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	473869	20.000	ng	-0.01
86) Perylene-d12	15.509	264	544739	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1443072	100.810	ng	0.00
7) Phenol-d6	6.516	99	1829871	100.810	ng	0.00
23) Nitrobenzene-d5	7.445	82	1107761	70.441	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	552932	112.489	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2072442	66.744	ng	-0.01
79) Terphenyl-d14	12.986	244	2059811	68.846	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.728	88	245280	37.442	ng	96
3) Pyridine	3.481	79	652098	41.883	ng	96
4) n-Nitrosodimethylamine	3.445	42	317823	44.107	ng	91
6) Aniline	6.545	93	616685	34.721	ng	98
8) 2-Chlorophenol	6.669	128	771318	49.839	ng	99
9) Benzaldehyde	6.428	77	144867	15.026	ng	100
10) Phenol	6.528	94	920562	49.974	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	694038	47.076	ng	99
12) 1,3-Dichlorobenzene	6.822	146	787673	44.784	ng	98
13) 1,4-Dichlorobenzene	6.898	146	798291	45.102	ng	99
14) 1,2-Dichlorobenzene	7.051	146	764407	46.005	ng	99
15) Benzyl Alcohol	7.022	79	608268	49.699	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	892842	42.910	ng	96
17) 2-Methylphenol	7.133	107	589046	48.242	ng	98
18) Hexachloroethane	7.392	117	274275	45.740	ng	94
19) n-Nitroso-di-n-propyla...	7.298	70	467187	43.421	ng	98
20) 3+4-Methylphenols	7.286	107	685709	44.617	ng	96
22) Acetophenone	7.292	105	865595	41.388	ng	95
24) Nitrobenzene	7.463	77	736619	45.320	ng	97
25) Isophorone	7.704	82	1311083	46.091	ng	100
26) 2-Nitrophenol	7.780	139	405399	62.028	ng	99
27) 2,4-Dimethylphenol	7.816	122	506914	50.980	ng	100
28) bis(2-Chloroethoxy)met...	7.910	93	824505	46.304	ng	99
29) 2,4-Dichlorophenol	8.022	162	612853	47.873	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	676464	44.807	ng	99
31) Naphthalene	8.186	128	1999431	44.167	ng	100
32) Benzoic acid	7.945	122	436239	49.778	ng	95
33) 4-Chloroaniline	8.227	127	259445	15.334	ng	99
34) Hexachlorobutadiene	8.298	225	384450	43.541	ng	99
35) Caprolactam	8.610	113	193048m	49.950	ng	
36) 4-Chloro-3-methylphenol	8.716	107	629725	49.405	ng	98
37) 2-Methylnaphthalene	8.875	142	1342739	45.194	ng	99
38) 1-Methylnaphthalene	8.975	142	1257396	43.188	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	621557	43.079	ng	99
41) Hexachlorocyclopentadiene	9.027	237	541872	115.178	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	461715	51.107	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062624\
 Data File : BF138356.D
 Acq On : 26 Jun 2024 17:27
 Operator : CG\JU
 Sample : P2915-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-NORTH-1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/27/2024
 Supervised By :mohammad ahmed 06/27/2024

Quant Time: Jun 27 01:54:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	497923	50.187	ng	97
46) 1,1'-Biphenyl	9.339	154	1532974	42.311	ng	98
47) 2-Chloronaphthalene	9.363	162	1298901	45.363	ng	98
48) 2-Nitroaniline	9.463	65	375813	54.499	ng	90
49) Acenaphthylene	9.780	152	2001965	49.861	ng	99
50) Dimethylphthalate	9.645	163	1537789	50.832	ng	99
51) 2,6-Dinitrotoluene	9.704	165	355338	54.142	ng	88
52) Acenaphthene	9.951	154	1350956m	49.342	ng	
53) 3-Nitroaniline	9.869	138	223046	31.813	ng	95
54) 2,4-Dinitrophenol	9.980	184	353035	97.630	ng	# 89
55) Dibenzofuran	10.127	168	1770798	46.266	ng	99
56) 4-Nitrophenol	10.039	139	562394	101.503	ng	87
57) 2,4-Dinitrotoluene	10.110	165	473960	58.551	ng	99
58) Fluorene	10.469	166	1334614	44.350	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	395790	51.045	ng	99
60) Diethylphthalate	10.339	149	1442961	50.255	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	690476	46.070	ng	99
62) 4-Nitroaniline	10.492	138	355100	50.691	ng	92
63) Azobenzene	10.616	77	1344192	46.729	ng	97
65) 4,6-Dinitro-2-methylph...	10.516	198	262988	58.129	ng	78
66) n-Nitrosodiphenylamine	10.580	169	1240048	46.962	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	467608	48.114	ng	# 92
68) Hexachlorobenzene	11.010	284	532794	46.976	ng	99
69) Atrazine	11.104	200	405004	53.850	ng	98
70) Pentachlorophenol	11.210	266	576126	87.099	ng	98
71) Phenanthrene	11.427	178	1982686	46.484	ng	99
72) Anthracene	11.480	178	2014960	47.581	ng	100
73) Carbazole	11.633	167	1763099	45.392	ng	99
74) Di-n-butylphthalate	11.963	149	2176805	54.135	ng	99
75) Fluoranthene	12.615	202	1939875	44.601	ng	99
77) Benzidine	12.733	184	510230	93.089	ng	98
78) Pyrene	12.845	202	1958539	47.917	ng	99
80) Butylbenzylphthalate	13.462	149	745245	67.030	ng	96
81) Benzo(a)anthracene	14.027	228	1500499	49.357	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	351741	42.015	ng	99
83) Chrysene	14.068	228	1431285	49.393	ng	100
84) Bis(2-ethylhexyl)phtha...	14.015	149	929768	71.902	ng	99
85) Di-n-octyl phthalate	14.627	149	1483984	77.249	ng	97
87) Indeno(1,2,3-cd)pyrene	16.986	276	1662637	46.819	ng	100
88) Benzo(b)fluoranthene	15.080	252	1463839	45.568	ng	98
89) Benzo(k)fluoranthene	15.109	252	1498229	47.589	ng	99
90) Benzo(a)pyrene	15.451	252	1426849	51.702	ng	99
91) Dibenzo(a,h)anthracene	17.003	278	1339455	45.953	ng	98
92) Benzo(g,h,i)perylene	17.439	276	1239477	41.105	ng	100

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

