

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060724\
 Data File : BF138158.D
 Acq On : 07 Jun 2024 14:05
 Operator : CG\JU
 Sample : P2740-05MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

WCS-TPBMS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/08/2024

Supervised By :mohammad ahmed 06/10/2024

Quant Time: Jun 07 14:54:42 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060524.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 06 05:19:29 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	370692	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	1456750	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	817917	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	1366832	20.000	ng	0.00
76) Chrysene-d12	14.068	240	674260	20.000	ng	0.00
86) Perylene-d12	15.551	264	758484	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	2184322	100.423	ng	0.00
7) Phenol-d6	6.534	99	2738578	99.511	ng	0.00
23) Nitrobenzene-d5	7.469	82	1634995	76.362	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	858562	109.074	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	3051260	65.230	ng	0.00
79) Terphenyl-d14	13.015	244	2856644	63.370	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.793	88	365092	36.622	ng	98
3) Pyridine	3.534	79	883579	36.172	ng	97
4) n-Nitrosodimethylamine	3.498	42	483374	40.308	ng	93
6) Aniline	6.569	93	789998	28.312	ng	99
8) 2-Chlorophenol	6.692	128	1054895	44.829	ng	95
10) Phenol	6.545	94	1230173m	43.509	ng	
11) bis(2-Chloroethyl)ether	6.645	93	959241	42.320	ng	97
12) 1,3-Dichlorobenzene	6.851	146	1120732	41.567	ng	99
13) 1,4-Dichlorobenzene	6.928	146	1132325	41.700	ng	98
14) 1,2-Dichlorobenzene	7.075	146	1080606	42.395	ng	99
15) Benzyl Alcohol	7.045	79	847456	43.521	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1394224	41.900	ng	99
17) 2-Methylphenol	7.157	107	808520	42.450	ng	97
18) Hexachloroethane	7.422	117	395747	42.700	ng	95
19) n-Nitroso-di-n-propyla...	7.322	70	711694	40.557	ng	97
20) 3+4-Methylphenols	7.310	107	1017420	42.929	ng	91
22) Acetophenone	7.316	105	1374387	40.982	ng	96
24) Nitrobenzene	7.492	77	1038558	44.527	ng	95
25) Isophorone	7.728	82	1921739	40.741	ng	99
26) 2-Nitrophenol	7.804	139	507071	50.868	ng	97
27) 2,4-Dimethylphenol	7.839	122	763052m	46.572	ng	
28) bis(2-Chloroethoxy)met...	7.939	93	1189039	41.383	ng	99
29) 2,4-Dichlorophenol	8.045	162	892360	45.189	ng	96
30) 1,2,4-Trichlorobenzene	8.128	180	985383	41.355	ng	99
31) Naphthalene	8.210	128	2923150	41.487	ng	99
32) Benzoic acid	7.957	122	592780	47.756	ng	96
33) 4-Chloroaniline	8.257	127	315795	11.925	ng	97
34) Hexachlorobutadiene	8.328	225	570448	40.741	ng	99
35) Caprolactam	8.627	113	281568m	42.701	ng	
36) 4-Chloro-3-methylphenol	8.733	107	884293	43.698	ng	99
37) 2-Methylnaphthalene	8.904	142	1988037	41.855	ng	99
38) 1-Methylnaphthalene	9.004	142	1859001	39.972	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	1008409	43.669	ng	100
41) Hexachlorocyclopentadiene	9.051	237	927083	121.614	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	660397	47.103	ng	99
44) 2,4,5-Trichlorophenol	9.216	196	721396	46.695	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060724\
 Data File : BF138158.D
 Acq On : 07 Jun 2024 14:05
 Operator : CG\JU
 Sample : P2740-05MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPBMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/08/2024
 Supervised By :mohammad ahmed 06/10/2024

Quant Time: Jun 07 14:54:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 06 05:19:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.369	154	2475053	43.080	ng	98
47) 2-Chloronaphthalene	9.392	162	1913113	41.784	ng	98
48) 2-Nitroaniline	9.486	65	522847	46.160	ng	98
49) Acenaphthylene	9.810	152	2952428	45.567	ng	100
50) Dimethylphthalate	9.669	163	2214418	43.088	ng	100
51) 2,6-Dinitrotoluene	9.727	165	498330	44.912	ng	95
52) Acenaphthene	9.980	154	1976978	45.158	ng	99
53) 3-Nitroaniline	9.892	138	292109	27.503	ng	# 98
54) 2,4-Dinitrophenol	9.998	184	381286	85.075	ng	96
55) Dibenzofuran	10.151	168	2674697	43.195	ng	99
56) 4-Nitrophenol	10.051	139	720740	92.203	ng	100
57) 2,4-Dinitrotoluene	10.133	165	646685	48.600	ng	# 82
58) Fluorene	10.492	166	2087818	42.449	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.263	232	590552	48.463	ng	99
60) Diethylphthalate	10.369	149	2165756	43.168	ng	100
61) 4-Chlorophenyl-phenyle...	10.486	204	1058993	42.382	ng	98
62) 4-Nitroaniline	10.510	138	461744	48.134	ng	95
63) Azobenzene	10.645	77	2033398	42.079	ng	98
65) 4,6-Dinitro-2-methylph...	10.533	198	275053	52.315	ng	94
66) n-Nitrosodiphenylamine	10.604	169	1883484	46.145	ng	99
67) 4-Bromophenyl-phenylether	10.974	248	711373	45.709	ng	97
68) Hexachlorobenzene	11.039	284	796199	44.006	ng	99
69) Atrazine	11.133	200	644905	49.108	ng	99
70) Pentachlorophenol	11.233	266	865658	89.377	ng	99
71) Phenanthrene	11.457	178	2854536	43.382	ng	99
72) Anthracene	11.510	178	2908283	44.315	ng	99
73) Carbazole	11.663	167	2345438	39.079	ng	98
74) Di-n-butylphthalate	11.992	149	3133788	44.422	ng	100
75) Fluoranthene	12.645	202	2491870	35.098	ng	96
77) Benzidine	12.763	184	499801	72.032	ng	99
78) Pyrene	12.868	202	2432413	39.890	ng	97
80) Butylbenzylphthalate	13.492	149	941071	46.736	ng	93
81) Benzo(a)anthracene	14.057	228	1833315	43.097	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	325029	30.145	ng	98
83) Chrysene	14.092	228	1766730	43.275	ng	100
84) Bis(2-ethylhexyl)phtha...	14.051	149	1274952	43.460	ng	98
85) Di-n-octyl phthalate	14.668	149	2047056	50.693	ng	98
87) Indeno(1,2,3-cd)pyrene	17.039	276	1261246	31.809	ng	97
88) Benzo(b)fluoranthene	15.115	252	1921676	40.301	ng	99
89) Benzo(k)fluoranthene	15.145	252	1911667	42.041	ng	99
90) Benzo(a)pyrene	15.486	252	1635850	45.299	ng	99
91) Dibenzo(a,h)anthracene	17.056	278	963320	30.598	ng	99
92) Benzo(g,h,i)perylene	17.486	276	961187	29.267	ng	99

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

