

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062824\
 Data File : BM046347.D
 Acq On : 28 Jun 2024 10:57
 Operator : MA/JU
 Sample : PB161765BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB161765BS

Manual Integrations
 APPROVED

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

Quant Time: Jun 28 11:38:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 03:23:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.369	152	71082	20.000	ng	0.00
21) Naphthalene-d8	10.128	136	341375	20.000	ng	0.00
39) Acenaphthene-d10	14.016	164	231491	20.000	ng	0.00
64) Phenanthrene-d10	16.774	188	490497	20.000	ng	0.00
76) Chrysene-d12	20.992	240	504829	20.000	ng	0.00
86) Perylene-d12	23.668	264	576222	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.052	112	750403	169.693	ng	0.00
7) Phenol-d6	6.634	99	1027838	163.615	ng	0.00
23) Nitrobenzene-d5	8.534	82	719572	87.383	ng	0.00
42) 2,4,6-Tribromophenol	15.527	330	440050	156.311	ng	0.00
45) 2-Fluorobiphenyl	12.633	172	1485248	86.961	ng	0.00
79) Terphenyl-d14	19.427	244	2667524	87.424	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.028	88	64365	37.751	ng	97
3) Pyridine	3.416	79	165138	34.661	ng	99
4) n-Nitrosodimethylamine	3.334	42	179517	48.647	ng	98
6) Aniline	6.746	93	194578	34.106	ng	98
8) 2-Chlorophenol	6.969	128	264966	53.780	ng	99
9) Benzaldehyde	6.657	77	10288m	2.516	ng	
10) Phenol	6.657	94	355237	57.143	ng	99
11) bis(2-Chloroethyl)ether	6.834	93	255039	50.520	ng	99
12) 1,3-Dichlorobenzene	7.263	146	248793	45.548	ng	100
13) 1,4-Dichlorobenzene	7.404	146	255114	45.389	ng	98
14) 1,2-Dichlorobenzene	7.716	146	254190	45.869	ng	98
15) Benzyl Alcohol	7.651	79	274407	53.135	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.899	45	435184	50.654	ng	96
17) 2-Methylphenol	7.875	107	238398	54.993	ng	99
18) Hexachloroethane	8.428	117	115183	45.491	ng	97
19) n-Nitroso-di-n-propyla...	8.198	70	242856	50.921	ng	99
20) 3+4-Methylphenols	8.204	107	335621	53.385	ng	97
22) Acetophenone	8.204	105	435743	45.697	ng	# 94
24) Nitrobenzene	8.575	77	361876	44.735	ng	97
25) Isophorone	9.104	82	649380	46.504	ng	99
26) 2-Nitrophenol	9.275	139	141892	49.009	ng	99
27) 2,4-Dimethylphenol	9.381	122	205548	56.628	ng	97
28) bis(2-Chloroethoxy)met...	9.581	93	365701	47.402	ng	99
29) 2,4-Dichlorophenol	9.822	162	265822	54.228	ng	96
30) 1,2,4-Trichlorobenzene	9.992	180	247886	44.659	ng	98
31) Naphthalene	10.181	128	853181	45.604	ng	100
32) Benzoic acid	9.616	122	201709	46.173	ng	96
33) 4-Chloroaniline	10.351	127	178535	27.243	ng	97
34) Hexachlorobutadiene	10.463	225	145889	42.633	ng	99
35) Caprolactam	11.169	113	90592m	50.454	ng	
36) 4-Chloro-3-methylphenol	11.492	107	321524	52.717	ng	98
37) 2-Methylnaphthalene	11.798	142	599970	47.552	ng	98
38) 1-Methylnaphthalene	12.028	142	561999	45.049	ng	99
40) 1,2,4,5-Tetrachloroben...	12.181	216	280199	45.371	ng	98
41) Hexachlorocyclopentadiene	12.157	237	291173	120.315	ng	99
43) 2,4,6-Trichlorophenol	12.451	196	208203	50.758	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062824\
 Data File : BM046347.D
 Acq On : 28 Jun 2024 10:57
 Operator : MA/JU
 Sample : PB161765BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB161765BS

Manual Integrations
 APPROVED

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

Quant Time: Jun 28 11:38:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 03:23:08 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.545	196	235278	49.778	ng	99
46) 1,1'-Biphenyl	12.845	154	813427	46.936	ng	98
47) 2-Chloronaphthalene	12.875	162	612540	45.533	ng	99
48) 2-Nitroaniline	13.133	65	278493	52.145	ng	98
49) Acenaphthylene	13.739	152	1089197	52.517	ng	99
50) Dimethylphthalate	13.522	163	837882	49.513	ng	99
51) 2,6-Dinitrotoluene	13.633	165	180283	47.839	ng	97
52) Acenaphthene	14.080	154	611151	47.408	ng	99
53) 3-Nitroaniline	13.980	138	135515	35.591	ng	99
54) 2,4-Dinitrophenol	14.180	184	226472	100.430	ng	95
55) Dibenzofuran	14.427	168	1008759	48.835	ng	99
56) 4-Nitrophenol	14.345	139	336155	105.352	ng	92
57) 2,4-Dinitrotoluene	14.433	165	270198	49.545	ng	98
58) Fluorene	15.075	166	850034	48.109	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.675	232	206917	51.940	ng	99
60) Diethylphthalate	14.892	149	920098	49.426	ng	99
61) 4-Chlorophenyl-phenyle...	15.080	204	393775	47.878	ng	98
62) 4-Nitroaniline	15.163	138	184873	49.477	ng	96
63) Azobenzene	15.374	77	1130385	50.956	ng	98
65) 4,6-Dinitro-2-methylph...	15.198	198	142737	45.906	ng	96
66) n-Nitrosodiphenylamine	15.310	169	700261	49.152	ng	99
67) 4-Bromophenyl-phenylether	15.974	248	237462	47.413	ng	97
68) Hexachlorobenzene	16.080	284	271432	45.904	ng	96
69) Atrazine	16.286	200	223374	56.721	ng	98
70) Pentachlorophenol	16.445	266	399478	107.409	ng	97
71) Phenanthrene	16.816	178	1298658	49.755	ng	100
72) Anthracene	16.910	178	1286698	50.680	ng	100
73) Carbazole	17.204	167	1245997	49.842	ng	99
74) Di-n-butylphthalate	17.763	149	1663559	49.529	ng	100
75) Fluoranthene	18.839	202	1499963	48.632	ng	99
77) Benzidine	19.068	184	240747	45.962	ng	99
78) Pyrene	19.210	202	1588276	45.294	ng	99
80) Butylbenzylphthalate	20.139	149	815973	49.456	ng	96
81) Benzo(a)anthracene	20.980	228	1652834	49.910	ng	100
82) 3,3'-Dichlorobenzidine	20.927	252	462632	43.553	ng	99
83) Chrysene	21.033	228	1584060	50.015	ng	99
84) Bis(2-ethylhexyl)phtha...	20.927	149	1271877	45.272	ng	99
85) Di-n-octyl phthalate	21.933	149	2155268	51.672	ng	100
87) Indeno(1,2,3-cd)pyrene	26.621	276	2093894	56.657	ng	100
88) Benzo(b)fluoranthene	22.833	252	1807539	52.961	ng	99
89) Benzo(k)fluoranthene	22.892	252	1819595	53.595	ng	99
90) Benzo(a)pyrene	23.545	252	1694368	56.522	ng	99
91) Dibenzo(a,h)anthracene	26.662	278	1762227	57.106	ng	99
92) Benzo(g,h,i)perylene	27.538	276	1601833	52.407	ng	99

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

