

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022024\
 Data File : BP019779.D
 Acq On : 20 Feb 2024 11:18
 Operator : MA/JU
 Sample : PB159054BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB159054BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/21/2024
 Supervised By :mohammad ahmed 02/21/2024

Quant Time: Feb 20 12:31:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 19 23:35:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	73226	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	265593	20.000	ng	0.00
39) Acenaphthene-d10	14.540	164	171474	20.000	ng	0.00
64) Phenanthrene-d10	17.292	188	382638	20.000	ng	0.00
76) Chrysene-d12	21.386	240	371408	20.000	ng	# 0.00
86) Perylene-d12	23.810	264	447089	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	583045	128.346	ng	0.00
7) Phenol-d6	7.075	99	733051	119.676	ng	0.00
23) Nitrobenzene-d5	9.075	82	499219	81.447	ng	0.00
42) 2,4,6-Tribromophenol	16.034	330	395782	158.082	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	1140686	82.237	ng	0.00
79) Terphenyl-d14	19.857	244	2018827	89.391	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.381	88	60589	34.618	ng	99
3) Pyridine	3.781	79	156394	32.959	ng	98
4) n-Nitrosodimethylamine	3.699	42	84954	41.122	ng	95
6) Aniline	7.234	93	144255	24.237	ng	99
8) 2-Chlorophenol	7.463	128	211441	45.335	ng	99
10) Phenol	7.105	94	263029	43.084	ng	98
11) bis(2-Chloroethyl)ether	7.340	93	201428	42.409	ng	98
12) 1,3-Dichlorobenzene	7.787	146	242921	42.566	ng	97
13) 1,4-Dichlorobenzene	7.934	146	247174	42.750	ng	100
14) 1,2-Dichlorobenzene	8.246	146	237996	42.543	ng	98
15) Benzyl Alcohol	8.152	79	208668m	42.636	ng	
16) 2,2'-oxybis(1-Chloropr...	8.428	45	196329	41.336	ng	99
17) 2-Methylphenol	8.352	107	172945	42.078	ng	99
18) Hexachloroethane	8.969	117	94687	42.250	ng	97
19) n-Nitroso-di-n-propyla...	8.722	70	165253	39.498	ng	98
20) 3+4-Methylphenols	8.681	107	232038	41.367	ng	97
22) Acetophenone	8.734	105	323012	42.691	ng	# 98
24) Nitrobenzene	9.116	77	250712	40.625	ng	98
25) Isophorone	9.640	82	446210	41.801	ng	99
26) 2-Nitrophenol	9.822	139	114353	48.597	ng	94
27) 2,4-Dimethylphenol	9.881	122	152171	50.574	ng	96
28) bis(2-Chloroethoxy)met...	10.128	93	255971	42.382	ng	98
29) 2,4-Dichlorophenol	10.357	162	210141	46.201	ng	96
30) 1,2,4-Trichlorobenzene	10.563	180	249710	44.776	ng	98
31) Naphthalene	10.752	128	621493	42.666	ng	99
32) Benzoic acid	10.046	122	140927	48.072	ng	98
33) 4-Chloroaniline	10.875	127	65601	12.178	ng	99
34) Hexachlorobutadiene	11.022	225	183792	44.473	ng	99
35) Caprolactam	11.687	113	62374	48.441	ng	95
36) 4-Chloro-3-methylphenol	11.999	107	222359	44.835	ng	96
37) 2-Methylnaphthalene	12.363	142	433309	42.984	ng	98
38) 1-Methylnaphthalene	12.581	142	409168	41.303	ng	99
40) 1,2,4,5-Tetrachloroben...	12.728	216	301474	45.587	ng	99
41) Hexachlorocyclopentadiene	12.693	237	359776	120.428	ng	98
43) 2,4,6-Trichlorophenol	12.975	196	186607	46.600	ng	99
44) 2,4,5-Trichlorophenol	13.051	196	202484	46.049	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022024\
 Data File : BP019779.D
 Acq On : 20 Feb 2024 11:18
 Operator : MA/JU
 Sample : PB159054BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB159054BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/21/2024
 Supervised By :mohammad ahmed 02/21/2024

Quant Time: Feb 20 12:31:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 19 23:35:42 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.375	154	582006	42.526	ng	99
47) 2-Chloronaphthalene	13.416	162	462266	41.147	ng	99
48) 2-Nitroaniline	13.634	65	140780	44.814	ng	97
49) Acenaphthylene	14.263	152	731950	46.439	ng	100
50) Dimethylphthalate	14.010	163	588078	44.800	ng	99
51) 2,6-Dinitrotoluene	14.134	165	129051	44.746	ng	94
52) Acenaphthene	14.604	154	413217	42.240	ng	99
53) 3-Nitroaniline	14.463	138	81319	30.681	ng	96
54) 2,4-Dinitrophenol	14.675	184	159039	106.208	ng	97
55) Dibenzofuran	14.940	168	700169	43.945	ng	99
56) 4-Nitrophenol	14.775	139	211638	97.421	ng	96
57) 2,4-Dinitrotoluene	14.922	165	184085	48.708	ng	98
58) Fluorene	15.592	166	566262	44.622	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.169	232	191930	51.893	ng	94
60) Diethylphthalate	15.375	149	577761	44.250	ng	99
61) 4-Chlorophenyl-phenyle...	15.587	204	322294	45.187	ng	96
62) 4-Nitroaniline	15.622	138	122448	44.075	ng	98
63) Azobenzene	15.881	77	531503	42.096	ng	97
65) 4,6-Dinitro-2-methylph...	15.687	198	111247	50.988	ng	94
66) n-Nitrosodiphenylamine	15.804	169	491895	42.924	ng	99
67) 4-Bromophenyl-phenylether	16.487	248	214150	44.769	ng	95
68) Hexachlorobenzene	16.587	284	252356	45.177	ng	96
69) Atrazine	16.769	200	193766	50.955	ng	95
70) Pentachlorophenol	16.939	266	349760	100.545	ng	98
71) Phenanthrene	17.339	178	910171	45.199	ng	99
72) Anthracene	17.428	178	917269	45.663	ng	99
73) Carbazole	17.704	167	833082	45.652	ng	100
74) Di-n-butylphthalate	18.263	149	979536	44.393	ng	99
75) Fluoranthene	19.304	202	1141803	46.416	ng	100
77) Benzidine	19.492	184	322104	41.482	ng	99
78) Pyrene	19.657	202	1166025	44.484	ng	99
80) Butylbenzylphthalate	20.545	149	434486	44.386	ng	96
81) Benzo(a)anthracene	21.375	228	1182118	45.215	ng	100
82) 3,3'-Dichlorobenzidine	21.310	252	372316	39.080	ng	99
83) Chrysene	21.427	228	1097083	44.199	ng	99
84) Bis(2-ethylhexyl)phtha...	21.310	149	602346	40.410	ng	98
85) Di-n-octyl phthalate	22.251	149	1055127	40.232	ng	100
87) Indeno(1,2,3-cd)pyrene	26.351	276	1620552	47.353	ng	97
88) Benzo(b)fluoranthene	23.074	252	1278063	45.357	ng	99
89) Benzo(k)fluoranthene	23.121	252	1191533	44.268	ng	98
90) Benzo(a)pyrene	23.704	252	1163587	46.410	ng	98
91) Dibenzo(a,h)anthracene	26.374	278	1345631	47.807	ng	98
92) Benzo(g,h,i)perylene	27.127	276	1284411	44.980	ng	98

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

