

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022824\
 Data File : BP019919.D
 Acq On : 28 Feb 2024 16:37
 Operator : MA/JU
 Sample : P1602-07MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-3MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
 Supervised By :mohammad ahmed 03/01/2024

Quant Time: Feb 28 17:30:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 02:05:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	90441	20.000	ng	0.00
21) Naphthalene-d8	10.693	136	288580	20.000	ng	-0.01
39) Acenaphthene-d10	14.534	164	163147	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	303163	20.000	ng	0.00
76) Chrysene-d12	21.404	240	342780	20.000	ng	0.00
86) Perylene-d12	23.827	264	473841	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.464	112	393434	71.402	ng	0.00
7) Phenol-d6	7.069	99	483264	58.908	ng	0.00
23) Nitrobenzene-d5	9.063	82	331694	46.403	ng	-0.01
42) 2,4,6-Tribromophenol	16.034	330	185032	66.144	ng	-0.01
45) 2-Fluorobiphenyl	13.157	172	602756	49.917	ng	-0.01
79) Terphenyl-d14	19.869	244	806120	37.066	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.370	88	79246	41.581	ng	100
3) Pyridine	3.775	79	199227	34.178	ng	97
4) n-Nitrosodimethylamine	3.693	42	102901	42.838	ng	98
6) Aniline	7.222	93	193793	19.257	ng	97
8) 2-Chlorophenol	7.452	128	227490	38.286	ng	97
9) Benzaldehyde	7.046	77	36464m	7.787	ng	
10) Phenol	7.093	94	281582	34.422	ng	97
11) bis(2-Chloroethyl)ether	7.328	93	230126	35.718	ng	99
12) 1,3-Dichlorobenzene	7.775	146	281008	43.560	ng	99
13) 1,4-Dichlorobenzene	7.928	146	287037	43.940	ng	99
14) 1,2-Dichlorobenzene	8.240	146	268480	40.969	ng	98
15) Benzyl Alcohol	8.146	79	225086m	31.101	ng	
16) 2,2'-oxybis(1-Chloropr...	8.416	45	221025m	32.131	ng	
17) 2-Methylphenol	8.346	107	182586	29.845	ng	98
18) Hexachloroethane	8.957	117	101062	39.923	ng	97
19) n-Nitroso-di-n-propyla...	8.710	70	177868	28.700	ng	99
20) 3+4-Methylphenols	8.675	107	241770	27.503	ng	99
22) Acetophenone	8.728	105	347817	38.807	ng	# 97
24) Nitrobenzene	9.105	77	273048	39.456	ng	99
25) Isophorone	9.634	82	462105	37.141	ng	99
26) 2-Nitrophenol	9.816	139	116057	41.913	ng	99
27) 2,4-Dimethylphenol	9.875	122	156699	34.280	ng	96
28) bis(2-Chloroethoxy)met...	10.122	93	278090	40.051	ng	98
29) 2,4-Dichlorophenol	10.352	162	209803	41.147	ng	98
30) 1,2,4-Trichlorobenzene	10.557	180	264940	47.297	ng	97
31) Naphthalene	10.746	128	654197	42.339	ng	99
32) Benzoic acid	10.034	122	135308	34.937	ng	96
33) 4-Chloroaniline	10.875	127	70989	10.113	ng	99
34) Hexachlorobutadiene	11.010	225	199665	49.016	ng	99
35) Caprolactam	11.681	113	53658	28.537	ng	93
36) 4-Chloro-3-methylphenol	11.999	107	202449	32.187	ng	96
37) 2-Methylnaphthalene	12.357	142	434998	36.267	ng	99
38) 1-Methylnaphthalene	12.575	142	413618	36.444	ng	99
40) 1,2,4,5-Tetrachloroben...	12.722	216	298226	53.513	ng	99
41) Hexachlorocyclopentadiene	12.687	237	228965	79.347	ng	98
43) 2,4,6-Trichlorophenol	12.969	196	169827	46.153	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022824\
 Data File : BP019919.D
 Acq On : 28 Feb 2024 16:37
 Operator : MA/JU
 Sample : P1602-07MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-3MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/29/2024
 Supervised By :mohammad ahmed 03/01/2024

Quant Time: Feb 28 17:30:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 27 02:05:05 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.046	196	177631	40.525	ng	98
46) 1,1'-Biphenyl	13.369	154	556434	47.634	ng	100
47) 2-Chloronaphthalene	13.410	162	446907	49.290	ng	98
48) 2-Nitroaniline	13.634	65	127980	39.054	ng	97
49) Acenaphthylene	14.257	152	832008	56.640	ng	100
50) Dimethylphthalate	14.010	163	511918	38.437	ng	100
51) 2,6-Dinitrotoluene	14.134	165	110666	38.609	ng	98
52) Acenaphthene	14.598	154	372812	42.268	ng	100
53) 3-Nitroaniline	14.463	138	81460	28.710	ng	97
54) 2,4-Dinitrophenol	14.681	184	87422	46.788	ng	98
55) Dibenzofuran	14.940	168	618395	41.081	ng	98
56) 4-Nitrophenol	14.781	139	166058	74.816	ng	99
57) 2,4-Dinitrotoluene	14.928	165	142115	34.837	ng	96
58) Fluorene	15.592	166	509298	41.717	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.169	232	154012	38.297	ng	97
60) Diethylphthalate	15.375	149	471054	35.801	ng	98
61) 4-Chlorophenyl-phenyle...	15.587	204	272680	39.055	ng	100
62) 4-Nitroaniline	15.628	138	92905	31.436	ng	98
63) Azobenzene	15.887	77	443243	36.187	ng	97
65) 4,6-Dinitro-2-methylph...	15.692	198	58577	28.467	ng	96
66) n-Nitrosodiphenylamine	15.810	169	397293	45.671	ng	97
67) 4-Bromophenyl-phenylether	16.487	248	171220	45.676	ng	98
68) Hexachlorobenzene	16.592	284	194565	48.128	ng	98
69) Atrazine	16.775	200	147405	40.498	ng	99
70) Pentachlorophenol	16.945	266	254782	85.265	ng	98
71) Phenanthrene	17.345	178	1108194	68.484	ng	99
72) Anthracene	17.434	178	821953	49.758	ng	99
73) Carbazole	17.716	167	628643	42.968	ng	99
74) Di-n-butylphthalate	18.269	149	718272	39.255	ng	100
75) Fluoranthene	19.316	202	1392278	66.297	ng	99
77) Benzidine	19.510	184	347664	35.309	ng	98
78) Pyrene	19.669	202	1571540	66.729	ng	100
80) Butylbenzylphthalate	20.557	149	310567	32.977	ng	98
81) Benzo(a)anthracene	21.392	228	1378894	56.671	ng	95
82) 3,3'-Dichlorobenzidine	21.327	252	354523	37.990	ng	100
83) Chrysene	21.445	228	1341726	58.849	ng	99
84) Bis(2-ethylhexyl)phtha...	21.322	149	445751	32.972	ng	100
85) Di-n-octyl phthalate	22.269	149	802298	35.660	ng	99
87) Indeno(1,2,3-cd)pyrene	26.386	276	1853136	55.552	ng	98
88) Benzo(b)fluoranthene	23.092	252	1563485	53.819	ng	99
89) Benzo(k)fluoranthene	23.145	252	1365731	47.936	ng	99
90) Benzo(a)pyrene	23.727	252	1503064	54.140	ng	99
91) Dibenzo(a,h)anthracene	26.404	278	1387420	49.474	ng	99
92) Benzo(g,h,i)perylene	27.162	276	1525066	56.334	ng	98

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

