

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021522\
 Data File : BP009155.D
 Acq On : 15 Feb 2022 15:43
 Operator : CG/JU
 Sample : N1470-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CTY2-WC-ROLLOFFMS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/16/2022
 Supervised By : Jagrut Upadhyay 02/16/2022

Quant Time: Feb 16 01:34:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 01:29:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	192386	20.000	ng	0.00
21) Naphthalene-d8	10.587	136	700102	20.000	ng	0.00
39) Acenaphthene-d10	14.434	164	438239	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	924150	20.000	ng	0.00
76) Chrysene-d12	21.292	240	944448	20.000	ng	0.00
86) Perylene-d12	23.680	264	1077525	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	1210935	112.278	ng	0.00
7) Phenol-d6	6.987	99	1407447	99.038	ng	0.00
23) Nitrobenzene-d5	8.952	82	1038226	83.630	ng	0.00
42) 2,4,6-Tribromophenol	15.934	330	875318	149.594	ng	0.00
45) 2-Fluorobiphenyl	13.051	172	2717842	86.818	ng	0.00
79) Terphenyl-d14	19.757	244	4512232	85.918	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.299	88	155104	43.668	ng	# 45
3) Pyridine	3.705	79	289334	27.884	ng	96
4) n-Nitrosodimethylamine	3.605	42	184314	46.368	ng	# 87
6) Aniline	7.122	93	437445	27.119	ng	96
8) 2-Chlorophenol	7.363	128	535745	44.015	ng	99
9) Benzaldehyde	6.934	77	242611	33.703	ng	100
10) Phenol	7.010	94	565187	39.556	ng	94
11) bis(2-Chloroethyl)ether	7.216	93	506669	45.668	ng	97
12) 1,3-Dichlorobenzene	7.675	146	593661	42.172	ng	98
13) 1,4-Dichlorobenzene	7.822	146	618286	43.025	ng	99
14) 1,2-Dichlorobenzene	8.140	146	600684	43.132	ng	96
15) Benzyl Alcohol	8.040	79	451528m	49.912	ng	
16) 2,2'-oxybis(1-Chloropr...	8.322	45	551596	44.110	ng	98
17) 2-Methylphenol	8.257	107	423789	44.241	ng	95
18) Hexachloroethane	8.857	117	209757	44.063	ng	98
19) n-Nitroso-di-n-propyla...	8.599	70	357795	43.972	ng	97
20) 3+4-Methylphenols	8.587	107	557981	42.562	ng	96
22) Acetophenone	8.616	105	756106	46.199	ng	# 96
24) Nitrobenzene	8.993	77	563844	48.045	ng	96
25) Isophorone	9.522	82	1052652	51.034	ng	99
26) 2-Nitrophenol	9.704	139	303912	50.070	ng	94
27) 2,4-Dimethylphenol	9.781	122	506294	55.785	ng	97
28) bis(2-Chloroethoxy)met...	9.999	93	644006	45.998	ng	# 97
29) 2,4-Dichlorophenol	10.263	162	543221	47.898	ng	98
30) 1,2,4-Trichlorobenzene	10.451	180	608450	45.629	ng	99
31) Naphthalene	10.634	128	1617110	45.287	ng	100
32) Benzoic acid	9.993	122	327574	44.391	ng	98
33) 4-Chloroaniline	10.769	127	235440	16.329	ng	98
34) Hexachlorobutadiene	10.916	225	377613	46.034	ng	100
35) Caprolactam	11.575	113	145008	43.605	ng	95
36) 4-Chloro-3-methylphenol	11.910	107	514354	47.545	ng	99
37) 2-Methylnaphthalene	12.251	142	1189667	47.081	ng	99
38) 1-Methylnaphthalene	12.469	142	1109823	44.949	ng	99
40) 1,2,4,5-Tetrachloroben...	12.622	216	707944	50.752	ng	99
41) Hexachlorocyclopentadiene	12.598	237	424085	81.141	ng	100
43) 2,4,6-Trichlorophenol	12.875	196	469316	50.735	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	510808	51.494	ng	99
46) 1,1'-Biphenyl	13.263	154	1563418	48.556	ng	100
47) 2-Chloronaphthalene	13.304	162	1229965	48.073	ng	98
48) 2-Nitroaniline	13.522	65	312211	52.664	ng	95
49) Acenaphthylene	14.151	152	1975691	51.219	ng	99
50) Dimethylphthalate	13.898	163	1583690	50.697	ng	99
51) 2,6-Dinitrotoluene	14.022	165	351714	53.985	ng	95
52) Acenaphthene	14.498	154	1134775	48.350	ng	98
53) 3-Nitroaniline	14.357	138	256557	38.500	ng	97
54) 2,4-Dinitrophenol	14.587	184	419674	89.693	ng	96
55) Dibenzofuran	14.834	168	1918190	48.512	ng	98
56) 4-Nitrophenol	14.710	139	478400	82.442	ng	90
57) 2,4-Dinitrotoluene	14.822	165	493175	57.963	ng	# 84
58) Fluorene	15.486	166	1522363	50.114	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.075	232	441281m	50.833	ng	
60) Diethylphthalate	15.257	149	1584928	53.658	ng	99
61) 4-Chlorophenyl-phenyle...	15.475	204	819532	49.652	ng	98
62) 4-Nitroaniline	15.528	138	343322m	51.240	ng	
63) Azobenzene	15.775	77	1267600	49.600	ng	96
65) 4,6-Dinitro-2-methylph...	15.598	198	272182	47.992	ng	96
66) n-Nitrosodiphenylamine	15.698	169	1379319	49.214	ng	100
67) 4-Bromophenyl-phenylether	16.375	248	540941	50.511	ng	98
68) Hexachlorobenzene	16.504	284	619098	51.608	ng	100
69) Atrazine	16.663	200	528451	56.862	ng	98
70) Pentachlorophenol	16.857	266	686787	108.730	ng	99
71) Phenanthrene	17.233	178	2472114	49.403	ng	100
72) Anthracene	17.328	178	2563393	52.359	ng	99
73) Carbazole	17.604	167	2338467	49.831	ng	99
74) Di-n-butylphthalate	18.151	149	2771465	58.286	ng	99
75) Fluoranthene	19.210	202	3056634	54.501	ng	95
77) Benzidine	19.398	184	374983	19.001	ng	99
78) Pyrene	19.563	202	3015445	44.883	ng	98
80) Butylbenzylphthalate	20.433	149	1237873	53.584	ng	95
81) Benzo(a)anthracene	21.274	228	3071775	50.471	ng	98
82) 3,3'-Dichlorobenzidine	21.204	252	1028373	48.732	ng	99
83) Chrysene	21.327	228	2896225	49.362	ng	98
84) Bis(2-ethylhexyl)phtha...	21.192	149	1879508	61.506	ng	97
85) Di-n-octyl phthalate	22.110	149	3102148	63.462	ng	99
87) Indeno(1,2,3-cd)pyrene	26.192	276	4203556	52.504	ng	97
88) Benzo(b)fluoranthene	22.957	252	3449667	52.004	ng	99
89) Benzo(k)fluoranthene	23.004	252	3066595	46.337	ng	98
90) Benzo(a)pyrene	23.580	252	3248104	58.731	ng	99
91) Dibenzo(a,h)anthracene	26.198	278	3638322	55.298	ng	98
92) Benzo(g,h,i)perylene	26.956	276	3521305	53.753	ng	96

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

Manual Integrations

Reviewed By :Christian Giraldo 02/16/2022
Supervised By :Jagrut Upadhyay 02/16/2022

Abundance

TIC: BP009155.D\data.ms

Time-->

1.4-Dioxane
n-Nitrosodimethylamine,
2-Fluorophenol, S
Phenol-d6, S
Aniline
Benzonitrile
2-Chlorophenol
1,4-Dichlorobenzene
Benzene
2,2'-oxybis(2-chlorophenol)
3,4-Methylenediphenylamine
Nitrobenzene
Nitrobenzene-d5, S
Isophorone
2-Nitrophenol
Benzonitrile
2,4-Dichlorophenol, C
Naphthalene-d8
4-Chloroaniline
Hexachlorobutadiene, C
Caprolactam
4-Chloro-3-methylphenol, C
2-Methylnaphthalene
Hexachlorocyclopentadiene
2,4,5-Trichlorophenol, C
2-Chloronaphthalene
2-Nitroaniline
2,5-Dinitrophenol
3-Nitroaniline
4-Nitrophenol
2,3,4,6-Tetrachlorophenol
4-Nitrophenol
Acenaphthylene
Acenaphthene, C
Diethylphthalate
4-Chlorophenyl-phenylether
n-Nitrosodiphenylamine, C
2,4,6-Tribromophenol, S
Acenaphthene
4-Bromophenyl-phenylether
Atrazine
Pentachlorophenol, C
Phenanthrene-410,1
Carbazole
Di-n-butylphthalate
Benzidine
Fluoranthene, C
Pyrene
Butylbenzylphthalate
Chrysene
3,3'-Dichlorobenzidine
Di-n-octyl phthalate, c
Benzo(k)fluoranthene
Benzo(a)pyrene, C
Perylene-d12,1
Benzo(g,h,i)perylene
Dibenz(a,h)anthracene