

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071522\
 Data File : BP010981.D
 Acq On : 15 Jul 2022 12:13
 Operator : CG/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 07/18/2022
 Supervised By : Jagrut Upadhyay 07/21/2022

Quant Time: Jul 15 13:15:25 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP071522.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jul 15 13:10:28 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	418794	20.000	ng	0.00
21) Naphthalene-d8	10.481	136	1618885	20.000	ng	# 0.00
39) Acenaphthene-d10	14.351	164	920073	20.000	ng	0.00
64) Phenanthrene-d10	17.116	188	1844474	20.000	ng	# 0.00
76) Chrysene-d12	21.239	240	1693941	20.000	ng	# 0.00
86) Perylene-d12	23.598	264	1795983	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.275	112	3199708	131.863	ng	0.00
7) Phenol-d6	6.869	99	4167497	125.583	ng	0.00
23) Nitrobenzene-d5	8.852	82	3688731	107.303	ng	0.00
42) 2,4,6-Tribromophenol	15.851	330	1200712	95.833	ng	0.00
45) 2-Fluorobiphenyl	12.969	172	7226481	112.988	ng	0.00
79) Terphenyl-d14	19.710	244	9847225	108.701	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.217	88	694545	71.210	ng	# 84
3) Pyridine	3.611	79	1940252m	70.355	ng	
4) n-Nitrosodimethylamine	3.523	42	814160	52.906	ng	# 59
6) Aniline	7.022	93	2432990	62.712	ng	92
8) 2-Chlorophenol	7.252	128	1705460	64.730	ng	93
9) Benzaldehyde	6.834	77	938433	46.798	ng	91
10) Phenol	6.899	94	2132746	62.293	ng	84
11) bis(2-Chloroethyl)ether	7.122	93	1655269	62.917	ng	92
12) 1,3-Dichlorobenzene	7.575	146	1841391m	61.054	ng	
13) 1,4-Dichlorobenzene	7.722	146	1867327	60.503	ng	99
14) 1,2-Dichlorobenzene	8.034	146	1749517	58.886	ng	97
15) Benzyl Alcohol	7.934	79	1434577	54.496	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.228	45	2247427	50.818	ng	93
17) 2-Methylphenol	8.140	107	1408819	60.940	ng	# 93
18) Hexachloroethane	8.758	117	687471	57.402	ng	91
19) n-Nitroso-di-n-propyla...	8.510	70	1237033	52.857	ng	# 86
20) 3+4-Methylphenols	8.469	107	1959503	61.750	ng	94
22) Acetophenone	8.516	105	2445909	56.690	ng	# 88
24) Nitrobenzene	8.893	77	1856048	53.477	ng	90
25) Isophorone	9.422	82	3304610	56.172	ng	96
26) 2-Nitrophenol	9.599	139	875935	61.409	ng	# 84
27) 2,4-Dimethylphenol	9.669	122	1324555	63.344	ng	91
28) bis(2-Chloroethoxy)met...	9.910	93	1923401	60.704	ng	98
29) 2,4-Dichlorophenol	10.134	162	1441753	58.541	ng	97
30) 1,2,4-Trichlorobenzene	10.346	180	1517967	53.326	ng	99
31) Naphthalene	10.534	128	5289022	61.224	ng	100
32) Benzoic acid	9.834	122	1166452	75.987	ng	89
33) 4-Chloroaniline	10.652	127	2171039	63.982	ng	93
34) Hexachlorobutadiene	10.816	225	840340	43.509	ng	98
35) Caprolactam	11.475	113	532831	63.516	ng	# 71
36) 4-Chloro-3-methylphenol	11.793	107	1672985	56.904	ng	94
37) 2-Methylnaphthalene	12.151	142	3548612	58.913	ng	98
38) 1-Methylnaphthalene	12.375	142	3433108	57.925	ng	98
40) 1,2,4,5-Tetrachloroben...	12.522	216	1507394	53.256	ng	97
41) Hexachlorocyclopentadiene	12.504	237	843756	72.066	ng	100
43) 2,4,6-Trichlorophenol	12.775	196	1092579	59.494	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.846	196	1202306	58.860	ng	97
46) 1,1'-Biphenyl	13.181	154	4226431	62.286	ng	99
47) 2-Chloronaphthalene	13.216	162	3236978	60.967	ng	99
48) 2-Nitroaniline	13.434	65	1121583	56.999	ng	# 83
49) Acenaphthylene	14.069	152	5363206	63.716	ng	99
50) Dimethylphthalate	13.822	163	4174379	59.681	ng	100
51) 2,6-Dinitrotoluene	13.940	165	914311	61.329	ng	89
52) Acenaphthene	14.416	154	3198345	62.662	ng	97
53) 3-Nitroaniline	14.269	138	1098377	71.989	ng	94
54) 2,4-Dinitrophenol	14.469	184	500743	59.978	ng	93
55) Dibenzofuran	14.751	168	4864848	59.286	ng	99
56) 4-Nitrophenol	14.587	139	915403	80.169	ng	# 73
57) 2,4-Dinitrotoluene	14.728	165	1259129	60.686	ng	# 89
58) Fluorene	15.410	166	3967175	58.022	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.981	232	993658	53.420	ng	91
60) Diethylphthalate	15.198	149	4323655	60.375	ng	99
61) 4-Chlorophenyl-phenyle...	15.404	204	1751560	50.468	ng	95
62) 4-Nitroaniline	15.445	138	1134703	72.476	ng	# 80
63) Azobenzene	15.704	77	4246552	59.119	ng	93
65) 4,6-Dinitro-2-methylph...	15.492	198	661516	57.154	ng	89
66) n-Nitrosodiphenylamine	15.628	169	3447547	64.003	ng	98
67) 4-Bromophenyl-phenylether	16.310	248	1104895	55.030	ng	98
68) Hexachlorobenzene	16.410	284	1241844	53.485	ng	95
69) Atrazine	16.598	200	1011582	52.805	ng	96
70) Pentachlorophenol	16.763	266	815264	64.433	ng	99
71) Phenanthrene	17.163	178	6242265	61.551	ng	98
72) Anthracene	17.251	178	6121907	62.429	ng	99
73) Carbazole	17.534	167	5860242	66.957	ng	98
74) Di-n-butylphthalate	18.098	149	7553268	65.799	ng	99
75) Fluoranthene	19.145	202	7069689	58.904	ng	93
77) Benzidine	19.339	184	1737470	52.488	ng	99
78) Pyrene	19.504	202	7273515	63.644	ng	98
80) Butylbenzylphthalate	20.398	149	3608739	73.664	ng	94
81) Benzo(a)anthracene	21.227	228	6921705	61.460	ng	97
82) 3,3'-Dichlorobenzidine	21.169	252	2052637	62.449	ng	# 99
83) Chrysene	21.280	228	6555283	60.957	ng	98
84) Bis(2-ethylhexyl)phtha...	21.169	149	5162326	74.199	ng	99
85) Di-n-octyl phthalate	22.080	149	8808846	75.344	ng	94
87) Indeno(1,2,3-cd)pyrene	26.051	276	8368905	64.040	ng	# 90
88) Benzo(b)fluoranthene	22.886	252	6821031	60.864	ng	# 96
89) Benzo(k)fluoranthene	22.933	252	7045422	61.681	ng	# 95
90) Benzo(a)pyrene	23.498	252	5914487	63.040	ng	# 94
91) Dibenzo(a,h)anthracene	26.080	278	6928555	63.387	ng	# 95
92) Benzo(g,h,i)perylene	26.804	276	6921085	63.882	ng	# 90

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

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