

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061522\
 Data File : BP010734.D
 Acq On : 15 Jun 2022 17:49
 Operator : CG/JU
 Sample : N3139-02MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

COMP-2MSD

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/16/2022

Supervised By :Yogesh Patel 06/16/2022

Quant Time: Jun 16 00:05:45 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060722.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 16 00:00:39 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	77440	20.000	ng	0.00
21) Naphthalene-d8	10.628	136	354195	20.000	ng	0.00
39) Acenaphthene-d10	14.469	164	265937	20.000	ng	0.00
64) Phenanthrene-d10	17.222	188	610244	20.000	ng	0.00
76) Chrysene-d12	21.316	240	669127	20.000	ng	# 0.00
86) Perylene-d12	23.710	264	683621	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.417	112	602629	134.307	ng	0.00
7) Phenol-d6	7.011	99	884757	144.183	ng	0.00
23) Nitrobenzene-d5	8.993	82	602123	80.056	ng	0.00
42) 2,4,6-Tribromophenol	15.969	330	474722	131.087	ng	0.00
45) 2-Fluorobiphenyl	13.093	172	1409889	76.267	ng	0.00
79) Terphenyl-d14	19.786	244	2666092	74.505	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	66100	36.650	ng	96
3) Pyridine	3.717	79	190392	37.335	ng	99
4) n-Nitrosodimethylamine	3.628	42	144602	50.816	ng	97
6) Aniline	7.158	93	366464	51.083	ng	98
8) 2-Chlorophenol	7.399	128	274478	56.339	ng	99
9) Benzaldehyde	6.975	77	156701	42.261	ng	99
10) Phenol	7.040	94	375065	59.243	ng	98
11) bis(2-Chloroethyl)ether	7.258	93	248939	51.171	ng	99
12) 1,3-Dichlorobenzene	7.716	146	268119	48.076	ng	99
13) 1,4-Dichlorobenzene	7.864	146	276726	48.489	ng	99
14) 1,2-Dichlorobenzene	8.181	146	268303	48.837	ng	98
15) Benzyl Alcohol	8.075	79	289346m	59.442	ng	
16) 2,2'-oxybis(1-Chloropr...	8.358	45	427863	52.320	ng	100
17) 2-Methylphenol	8.281	107	254564	59.549	ng	97
18) Hexachloroethane	8.905	117	108343	48.922	ng	96
19) n-Nitroso-di-n-propyla...	8.646	70	245457	56.719	ng	99
20) 3+4-Methylphenols	8.611	107	355480	60.582	ng	99
22) Acetophenone	8.658	105	448475	47.510	ng	99
24) Nitrobenzene	9.034	77	359491	47.341	ng	97
25) Isophorone	9.563	82	677398	52.628	ng	98
26) 2-Nitrophenol	9.746	139	157682	50.526	ng	96
27) 2,4-Dimethylphenol	9.810	122	294720	64.419	ng	99
28) bis(2-Chloroethoxy)met...	10.046	93	376360	54.290	ng	99
29) 2,4-Dichlorophenol	10.287	162	302466	56.133	ng	98
30) 1,2,4-Trichlorobenzene	10.493	180	291596	46.820	ng	99
31) Naphthalene	10.675	128	870463	46.055	ng	99
32) Benzoic acid	9.999	122	216567	56.273	ng	98
33) 4-Chloroaniline	10.799	127	200938	27.066	ng	99
34) Hexachlorobutadiene	10.963	225	189549	44.856	ng	97
35) Caprolactam	11.605	113	111304m	60.643	ng	
36) 4-Chloro-3-methylphenol	11.934	107	380634	59.174	ng	98
37) 2-Methylnaphthalene	12.293	142	664349	50.411	ng	99
38) 1-Methylnaphthalene	12.510	142	645184	49.755	ng	97
40) 1,2,4,5-Tetrachloroben...	12.663	216	378992	46.325	ng	99
41) Hexachlorocyclopentadiene	12.640	237	408065	99.750	ng	100
43) 2,4,6-Trichlorophenol	12.904	196	270687	50.996	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.981	196	301346	51.041	ng	98
46) 1,1'-Biphenyl	13.304	154	934606	47.653	ng	99
47) 2-Chloronaphthalene	13.346	162	708441	46.164	ng	98
48) 2-Nitroaniline	13.557	65	295261	51.914	ng	98
49) Acenaphthylene	14.193	152	1223852	50.303	ng	99
50) Dimethylphthalate	13.934	163	994244	49.179	ng	98
51) 2,6-Dinitrotoluene	14.051	165	220642	51.204	ng	96
52) Acenaphthene	14.534	154	701720	47.565	ng	99
53) 3-Nitroaniline	14.381	138	159877	36.253	ng	96
54) 2,4-Dinitrophenol	14.598	184	304313	107.240	ng	99
55) Dibenzofuran	14.869	168	1143737	48.223	ng	98
56) 4-Nitrophenol	14.710	139	393261	119.156	ng	96
57) 2,4-Dinitrotoluene	14.846	165	316602	52.793	ng	98
58) Fluorene	15.522	166	978588	49.517	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.104	232	266862	49.636	ng	99
60) Diethylphthalate	15.298	149	1037173	50.107	ng	99
61) 4-Chlorophenyl-phenyle...	15.516	204	508045	50.645	ng	96
62) 4-Nitroaniline	15.551	138	231592	51.177	ng	93
63) Azobenzene	15.810	77	1036795	49.938	ng	96
65) 4,6-Dinitro-2-methylph...	15.616	198	189773	49.558	ng	97
66) n-Nitrosodiphenylamine	15.734	169	854513	47.949	ng	99
67) 4-Bromophenyl-phenylether	16.410	248	323793	48.743	ng	99
68) Hexachlorobenzene	16.534	284	364200	47.411	ng	94
69) Atrazine	16.692	200	333835	52.672	ng	99
70) Pentachlorophenol	16.881	266	485930	116.079	ng	99
71) Phenanthrene	17.269	178	1692839	50.452	ng	100
72) Anthracene	17.357	178	1631659	50.292	ng	100
73) Carbazole	17.634	167	1493842	51.588	ng	99
74) Di-n-butylphthalate	18.181	149	1911565	50.332	ng	100
75) Fluoranthene	19.239	202	2180240	54.906	ng	99
77) Benzidine	19.416	184	1186026	90.704	ng	98
78) Pyrene	19.592	202	2200521	48.745	ng	99
80) Butylbenzylphthalate	20.463	149	924889	47.795	ng	96
81) Benzo(a)anthracene	21.304	228	2251233	50.605	ng	99
82) 3,3'-Dichlorobenzidine	21.233	252	643527	49.564	ng	98
83) Chrysene	21.351	228	2054530	48.365	ng	99
84) Bis(2-ethylhexyl)phtha...	21.222	149	1424110	51.818	ng	99
85) Di-n-octyl phthalate	22.139	149	2414478	52.281	ng	99
87) Indeno(1,2,3-cd)pyrene	26.215	276	2196094	44.149	ng	97
88) Benzo(b)fluoranthene	22.986	252	2374738	55.669	ng	98
89) Benzo(k)fluoranthene	23.033	252	2113089	48.602	ng	98
90) Benzo(a)pyrene	23.610	252	2137427	59.852	ng	98
91) Dibenzo(a,h)anthracene	26.227	278	1932274	46.442	ng	98
92) Benzo(g,h,i)perylene	26.974	276	1823692	44.222	ng	97

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

