

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060822\
 Data File : BM035426.D
 Acq On : 08 Jun 2022 12:35
 Operator : CG/JU
 Sample : PB145396BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB145396BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/09/2022
 Supervised By : Jagrut Upadhyay 06/09/2022

Quant Time: Jun 09 00:49:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 14:28:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.839	152	190073	20.000	ng	0.00
21) Naphthalene-d8	10.639	136	787047	20.000	ng	# 0.00
39) Acenaphthene-d10	14.480	164	548899	20.000	ng	0.00
64) Phenanthrene-d10	17.227	188	1200908	20.000	ng	0.00
76) Chrysene-d12	21.415	240	1351644	20.000	ng	# 0.00
86) Perylene-d12	23.768	264	1405420	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1443000	159.529	ng	0.00
7) Phenol-d6	7.028	99	1870090	151.354	ng	0.00
23) Nitrobenzene-d5	9.004	82	1057063	85.280	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	1121403	127.332	ng	0.00
45) 2-Fluorobiphenyl	13.104	172	3350435	87.669	ng	0.00
79) Terphenyl-d14	19.856	244	5873476	86.573	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	129339	42.624	ng	# 88
3) Pyridine	3.722	79	339112	40.982	ng	# 86
4) n-Nitrosodimethylamine	3.634	42	171008	54.770	ng	# 61
6) Aniline	7.169	93	687258	50.886	ng	93
8) 2-Chlorophenol	7.410	128	610344	53.774	ng	90
9) Benzaldehyde	6.981	77	260294	54.561	ng	87
10) Phenol	7.051	94	688580	57.809	ng	89
11) bis(2-Chloroethyl)ether	7.269	93	488578	50.425	ng	89
12) 1,3-Dichlorobenzene	7.728	146	627873	47.368	ng	# 94
13) 1,4-Dichlorobenzene	7.875	146	648167	47.627	ng	97
14) 1,2-Dichlorobenzene	8.192	146	630906	47.276	ng	96
15) Benzyl Alcohol	8.092	79	447527m	49.568	ng	
16) 2,2'-oxybis(1-Chloropr...	8.375	45	594913	50.359	ng	94
17) 2-Methylphenol	8.298	107	484890	53.848	ng	94
18) Hexachloroethane	8.916	117	209339	47.158	ng	# 82
19) n-Nitroso-di-n-propyla...	8.657	70	376787	48.222	ng	# 83
20) 3+4-Methylphenols	8.628	107	660839	52.430	ng	94
22) Acetophenone	8.669	105	809132	46.244	ng	# 90
24) Nitrobenzene	9.045	77	547016	48.719	ng	89
25) Isophorone	9.580	82	1068445	49.838	ng	# 93
26) 2-Nitrophenol	9.757	139	350565	47.714	ng	# 82
27) 2,4-Dimethylphenol	9.828	122	576307	59.151	ng	96
28) bis(2-Chloroethoxy)met...	10.057	93	698014	47.113	ng	98
29) 2,4-Dichlorophenol	10.298	162	656969	49.451	ng	97
30) 1,2,4-Trichlorobenzene	10.504	180	693929	45.407	ng	97
31) Naphthalene	10.686	128	1796682	47.114	ng	100
32) Benzoic acid	10.033	122	422909	48.525	ng	89
33) 4-Chloroaniline	10.810	127	464883	29.110	ng	# 94
34) Hexachlorobutadiene	10.975	225	424556	42.013	ng	99
35) Caprolactam	11.622	113	186457m	47.686	ng	
36) 4-Chloro-3-methylphenol	11.951	107	591134	48.266	ng	94
37) 2-Methylnaphthalene	12.304	142	1335828	46.422	ng	96
38) 1-Methylnaphthalene	12.521	142	1281164	45.432	ng	# 99
40) 1,2,4,5-Tetrachloroben...	12.674	216	831725	46.220	ng	# 96
41) Hexachlorocyclopentadiene	12.651	237	915201	102.881	ng	99
43) 2,4,6-Trichlorophenol	12.921	196	567455	46.720	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.004	196	617774	47.375	ng	# 90
46) 1,1'-Biphenyl	13.316	154	1843753	47.122	ng	99
47) 2-Chloronaphthalene	13.357	162	1457988	47.763	ng	96
48) 2-Nitroaniline	13.568	65	337066	49.688	ng	# 78
49) Acenaphthylene	14.204	152	2344421	50.432	ng	99
50) Dimethylphthalate	13.951	163	1854966	45.970	ng	# 98
51) 2,6-Dinitrotoluene	14.068	165	424970	49.336	ng	# 71
52) Acenaphthene	14.545	154	1337590	47.519	ng	99
53) 3-Nitroaniline	14.398	138	282093	34.499	ng	89
54) 2,4-Dinitrophenol	14.615	184	568402	92.215	ng	# 69
55) Dibenzofuran	14.880	168	2227638	46.076	ng	92
56) 4-Nitrophenol	14.733	139	665104	108.384	ng	# 72
57) 2,4-Dinitrotoluene	14.862	165	590901	50.115	ng	# 78
58) Fluorene	15.533	166	1778213	47.076	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.115	232	549989	45.818	ng	# 79
60) Diethylphthalate	15.310	149	1798594	45.074	ng	96
61) 4-Chlorophenyl-phenyle...	15.527	204	965292	44.555	ng	# 85
62) 4-Nitroaniline	15.568	138	412833	48.390	ng	# 81
63) Azobenzene	15.815	77	1324647	46.753	ng	87
65) 4,6-Dinitro-2-methylph...	15.627	198	369576	45.810	ng	78
66) n-Nitrosodiphenylamine	15.745	169	1631819	48.152	ng	99
67) 4-Bromophenyl-phenylether	16.415	248	648524	44.551	ng	# 87
68) Hexachlorobenzene	16.539	284	761766	46.784	ng	# 84
69) Atrazine	16.704	200	627415	50.310	ng	96
70) Pentachlorophenol	16.886	266	926829	104.142	ng	99
71) Phenanthrene	17.268	178	2946171	48.469	ng	100
72) Anthracene	17.362	178	3005130	49.625	ng	99
73) Carbazole	17.633	167	2762300	48.436	ng	97
74) Di-n-butylphthalate	18.198	149	3170169	44.765	ng	# 98
75) Fluoranthene	19.292	202	3630757	49.481	ng	98
77) Benzidine	19.474	184	2256188	88.672	ng	100
78) Pyrene	19.650	202	3771563	46.014	ng	99
80) Butylbenzylphthalate	20.550	149	1491921	42.852	ng	# 84
81) Benzo(a)anthracene	21.397	228	4029338	48.554	ng	99
82) 3,3'-Dichlorobenzidine	21.333	252	1149169	52.659	ng	# 98
83) Chrysene	21.450	228	3756051	47.402	ng	99
84) Bis(2-ethylhexyl)phtha...	21.327	149	2223087	42.392	ng	# 94
85) Di-n-octyl phthalate	22.233	149	4026337	43.927	ng	# 91
87) Indeno(1,2,3-cd)pyrene	26.215	276	4251832	45.605	ng	96
88) Benzo(b)fluoranthene	23.056	252	4289285	52.988	ng	99
89) Benzo(k)fluoranthene	23.103	252	4144073	50.028	ng	99
90) Benzo(a)pyrene	23.668	252	4003141	58.083	ng	98
91) Dibenzo(a,h)anthracene	26.221	278	3746831	48.150	ng	97
92) Benzo(g,h,i)perylene	26.962	276	3617543	48.197	ng	96

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

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