

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061422\
 Data File : BG053905.D
 Acq On : 14 Jun 2022 17:27
 Operator : CG/JU
 Sample : N3299-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COM-4MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 06/15/2022
 Supervised By : Jagrut Upadhyay 06/15/2022

Quant Time: Jun 15 03:01:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 15:49:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	22923	20.000	ng	0.00
21) Naphthalene-d8	10.896	136	87225	20.000	ng	0.00
39) Acenaphthene-d10	14.709	164	67840	20.000	ng	0.00
64) Phenanthrene-d10	17.453	188	177736	20.000	ng	# 0.00
76) Chrysene-d12	21.730	240	199709	20.000	ng	0.00
86) Perylene-d12	24.991	264	212260	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	172088	143.531	ng	0.00
7) Phenol-d6	7.241	99	209710	128.935	ng	0.00
23) Nitrobenzene-d5	9.245	82	156570	100.873	ng	0.00
42) 2,4,6-Tribromophenol	16.196	330	175163	160.704	ng	0.00
45) 2-Fluorobiphenyl	13.334	172	445398	95.470	ng	0.00
79) Terphenyl-d14	20.062	244	1012275	102.089	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.557	88	20639	39.379	ng	# 90
3) Pyridine	3.951	79	50917	36.405	ng	96
4) n-Nitrosodimethylamine	3.857	42	31606	51.375	ng	# 99
6) Aniline	7.412	93	54859	28.448	ng	97
8) 2-Chlorophenol	7.653	128	68309	53.359	ng	94
9) Benzaldehyde	7.218	77	34269	35.700	ng	# 78
10) Phenol	7.271	94	75804	45.988	ng	94
11) bis(2-Chloroethyl)ether	7.500	93	63390	50.103	ng	95
12) 1,3-Dichlorobenzene	7.976	146	76045	47.406	ng	93
13) 1,4-Dichlorobenzene	8.123	146	76600	47.537	ng	97
14) 1,2-Dichlorobenzene	8.440	146	74502	48.164	ng	97
15) Benzyl Alcohol	8.322	79	67823	55.793	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.610	45	91919	48.600	ng	98
17) 2-Methylphenol	8.522	107	57543	50.253	ng	92
18) Hexachloroethane	9.174	117	25571	47.836	ng	# 83
19) n-Nitroso-di-n-propyla...	8.892	70	54564	49.934	ng	97
20) 3+4-Methylphenols	8.851	107	78627	48.963	ng	95
22) Acetophenone	8.904	105	106030	50.009	ng	# 96
24) Nitrobenzene	9.286	77	77526	50.722	ng	# 90
25) Isophorone	9.815	82	153556	52.972	ng	95
26) 2-Nitrophenol	9.997	139	37006	54.815	ng	# 83
27) 2,4-Dimethylphenol	10.056	122	67074	61.384	ng	90
28) bis(2-Chloroethoxy)met...	10.291	93	87609	56.100	ng	# 97
29) 2,4-Dichlorophenol	10.537	162	82530	56.332	ng	92
30) 1,2,4-Trichlorobenzene	10.761	180	88141	48.588	ng	94
31) Naphthalene	10.949	128	210331	47.766	ng	99
32) Benzoic acid	10.244	122	7170m	22.805	ng	
33) 4-Chloroaniline	11.049	127	11251	6.159	ng	# 88
34) Hexachlorobutadiene	11.237	225	67647	48.503	ng	97
35) Caprolactam	11.812	113	19671m	48.773	ng	
36) 4-Chloro-3-methylphenol	12.159	107	78914	55.410	ng	86
37) 2-Methylnaphthalene	12.547	142	156505	48.039	ng	96
38) 1-Methylnaphthalene	12.764	142	153646	48.435	ng	99
40) 1,2,4,5-Tetrachloroben...	12.911	216	125303	47.934	ng	95
41) Hexachlorocyclopentadiene	12.899	237	129366	106.281	ng	96
43) 2,4,6-Trichlorophenol	13.146	196	78009	53.126	ng	95

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44) 2,4,5-Trichlorophenol	13.217	196	85999	52.454	ng	# 92
46) 1,1'-Biphenyl	13.546	154	233628	49.440	ng	98
47) 2-Chloronaphthalene	13.593	162	187346	48.989	ng	95
48) 2-Nitroaniline	13.781	65	53963	53.045	ng	# 86
49) Acenaphthylene	14.433	152	303814	51.090	ng	99
50) Dimethylphthalate	14.157	163	260460	50.412	ng	99
51) 2,6-Dinitrotoluene	14.274	165	57898	55.465	ng	# 75
52) Acenaphthene	14.774	154	192850	50.876	ng	99
53) 3-Nitroaniline	14.603	138	24319	24.047	ng	93
54) 2,4-Dinitrophenol	14.809	184	36268	64.468	ng	# 73
55) Dibenzofuran	15.109	168	301044	49.292	ng	94
56) 4-Nitrophenol	14.909	139	76876	107.070	ng	88
57) 2,4-Dinitrotoluene	15.062	165	80797	54.806	ng	# 84
58) Fluorene	15.755	166	247349	49.327	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.332	232	82391	51.387	ng	# 90
60) Diethylphthalate	15.520	149	252876	50.540	ng	97
61) 4-Chlorophenyl-phenyle...	15.743	204	153845	51.247	ng	# 90
62) 4-Nitroaniline	15.767	138	50773	48.142	ng	# 80
63) Azobenzene	16.037	77	202802	50.354	ng	90
65) 4,6-Dinitro-2-methylph...	15.825	198	37009	41.737	ng	82
66) n-Nitrosodiphenylamine	15.955	169	229103	49.459	ng	97
67) 4-Bromophenyl-phenylether	16.636	248	111348	50.160	ng	92
68) Hexachlorobenzene	16.760	284	125475	49.414	ng	# 94
69) Atrazine	16.901	200	105156	54.801	ng	96
70) Pentachlorophenol	17.100	266	132286	112.152	ng	96
71) Phenanthrene	17.494	178	443646	48.584	ng	97
72) Anthracene	17.588	178	444633	49.862	ng	99
73) Carbazole	17.847	167	392344	51.260	ng	99
74) Di-n-butylphthalate	18.411	149	447460	50.562	ng	# 98
75) Fluoranthene	19.503	202	584110	48.727	ng	98
77) Benzidine	19.674	184	76711	18.548	ng	96
78) Pyrene	19.862	202	591907	49.072	ng	98
80) Butylbenzylphthalate	20.743	149	197080	50.975	ng	89
81) Benzo(a)anthracene	21.707	228	636010	49.186	ng	99
82) 3,3'-Dichlorobenzidine	21.619	252	102402	26.506	ng	97
83) Chrysene	21.777	228	585080	47.468	ng	97
84) Bis(2-ethylhexyl)phtha...	21.619	149	287112	51.924	ng	# 92
85) Di-n-octyl phthalate	22.847	149	499289	52.535	ng	# 94
87) Indeno(1,2,3-cd)pyrene	28.734	276	772872	48.250	ng	# 99
88) Benzo(b)fluoranthene	23.957	252	678953	52.608	ng	99
89) Benzo(k)fluoranthene	24.028	252	640283	50.108	ng	98
90) Benzo(a)pyrene	24.844	252	639408	58.720	ng	100
91) Dibenzo(a,h)anthracene	28.798	278	668609	50.477	ng	97
92) Benzo(g,h,i)perylene	29.897	276	663766	50.779	ng	96

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

