

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061422\
 Data File : BG053906.D
 Acq On : 14 Jun 2022 18:07
 Operator : CG/JU
 Sample : N3299-02MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COM-4MSD

Manual Integrations
 APPROVED

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

Quant Time: Jun 15 03:02:29 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	20714	20.000	ng	0.00
21) Naphthalene-d8	10.896	136	85040	20.000	ng	# 0.00
39) Acenaphthene-d10	14.709	164	66712	20.000	ng	0.00
64) Phenanthrene-d10	17.453	188	170744	20.000	ng	# 0.00
76) Chrysene-d12	21.730	240	192485	20.000	ng	0.00
86) Perylene-d12	24.991	264	203779	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.655	112	162199	149.710	ng	0.00
7) Phenol-d6	7.241	99	201614	137.177	ng	0.00
23) Nitrobenzene-d5	9.245	82	150311	99.329	ng	0.00
42) 2,4,6-Tribromophenol	16.196	330	170352	158.933	ng	0.00
45) 2-Fluorobiphenyl	13.334	172	433088	94.401	ng	0.00
79) Terphenyl-d14	20.056	244	965266	101.001	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.557	88	19822	41.853	ng	# 88
3) Pyridine	3.957	79	47223	37.365	ng	95
4) n-Nitrosodimethylamine	3.857	42	28693	51.614	ng	98
6) Aniline	7.412	93	58721	33.699	ng	97
8) 2-Chlorophenol	7.653	128	65167	56.333	ng	92
9) Benzaldehyde	7.218	77	32947	37.983	ng	# 76
10) Phenol	7.271	94	73200	49.144	ng	95
11) bis(2-Chloroethyl)ether	7.500	93	58587	51.245	ng	96
12) 1,3-Dichlorobenzene	7.976	146	71512	49.334	ng	92
13) 1,4-Dichlorobenzene	8.123	146	72698	49.927	ng	98
14) 1,2-Dichlorobenzene	8.446	146	70900	50.723	ng	96
15) Benzyl Alcohol	8.322	79	65764	59.868	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.616	45	87315	51.089	ng	99
17) 2-Methylphenol	8.522	107	56421	54.528	ng	93
18) Hexachloroethane	9.180	117	24100	49.893	ng	# 74
19) n-Nitroso-di-n-propyla...	8.892	70	52156	52.821	ng	95
20) 3+4-Methylphenols	8.851	107	77140	53.160	ng	93
22) Acetophenone	8.904	105	101485	49.095	ng	# 95
24) Nitrobenzene	9.292	77	75283	50.520	ng	# 84
25) Isophorone	9.815	82	149829	53.014	ng	# 95
26) 2-Nitrophenol	10.003	139	35863	54.487	ng	# 84
27) 2,4-Dimethylphenol	10.056	122	64647	60.683	ng	89
28) bis(2-Chloroethoxy)met...	10.291	93	84436	55.458	ng	99
29) 2,4-Dichlorophenol	10.537	162	79708	55.804	ng	91
30) 1,2,4-Trichlorobenzene	10.761	180	85156	48.148	ng	# 95
31) Naphthalene	10.949	128	201430	46.920	ng	98
32) Benzoic acid	10.361	122	5314m	20.043	ng	
33) 4-Chloroaniline	11.049	127	15939	8.949	ng	# 90
34) Hexachlorobutadiene	11.237	225	64333	47.312	ng	99
35) Caprolactam	11.812	113	19029m	48.393	ng	
36) 4-Chloro-3-methylphenol	12.159	107	77098	55.526	ng	89
37) 2-Methylnaphthalene	12.547	142	154167	48.537	ng	95
38) 1-Methylnaphthalene	12.764	142	148762	48.101	ng	99
40) 1,2,4,5-Tetrachloroben...	12.911	216	122671	47.721	ng	# 96
41) Hexachlorocyclopentadiene	12.899	237	121824	101.777	ng	98
43) 2,4,6-Trichlorophenol	13.146	196	76214	52.782	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061422\
 Data File : BG053906.D
 Acq On : 14 Jun 2022 18:07
 Operator : CG/JU
 Sample : N3299-02MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COM-4MSD

Manual Integrations
 APPROVED

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

Quant Time: Jun 15 03:02:29 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)
44) 2,4,5-Trichlorophenol	13.217	196	84832	52.617	ng	# 91
46) 1,1'-Biphenyl	13.546	154	227514	48.961	ng	98
47) 2-Chloronaphthalene	13.593	162	182467	48.520	ng	97
48) 2-Nitroaniline	13.781	65	52753	52.733	ng	91
49) Acenaphthylene	14.433	152	293582	50.204	ng	100
50) Dimethylphthalate	14.163	163	252841	49.765	ng	# 99
51) 2,6-Dinitrotoluene	14.274	165	56250	54.797	ng	# 75
52) Acenaphthene	14.774	154	186266	49.970	ng	99
53) 3-Nitroaniline	14.603	138	26599	26.746	ng	83
54) 2,4-Dinitrophenol	14.809	184	31269	57.391	ng	# 73
55) Dibenzofuran	15.109	168	295391	49.184	ng	94
56) 4-Nitrophenol	14.909	139	73144	103.595	ng	86
57) 2,4-Dinitrotoluene	15.062	165	78386	54.069	ng	# 85
58) Fluorene	15.755	166	238729	48.413	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.332	232	82601	52.389	ng	# 86
60) Diethylphthalate	15.520	149	243833	49.557	ng	97
61) 4-Chlorophenyl-phenyle...	15.743	204	149492	50.639	ng	# 88
62) 4-Nitroaniline	15.767	138	48611	46.871	ng	# 76
63) Azobenzene	16.037	77	193033	48.739	ng	89
65) 4,6-Dinitro-2-methylph...	15.825	198	33092	38.847	ng	83
66) n-Nitrosodiphenylamine	15.955	169	219525	49.332	ng	97
67) 4-Bromophenyl-phenylether	16.636	248	109785	51.481	ng	92
68) Hexachlorobenzene	16.765	284	121571	49.837	ng	# 92
69) Atrazine	16.901	200	101858	55.256	ng	96
70) Pentachlorophenol	17.100	266	123837	109.288	ng	95
71) Phenanthrene	17.494	178	427069	48.684	ng	98
72) Anthracene	17.588	178	429028	50.083	ng	99
73) Carbazole	17.847	167	370959	50.451	ng	98
74) Di-n-butylphthalate	18.411	149	425029	49.994	ng	# 97
75) Fluoranthene	19.498	202	557119	48.379	ng	98
77) Benzidine	19.674	184	81416	20.425	ng	98
78) Pyrene	19.862	202	561007	48.256	ng	98
80) Butylbenzylphthalate	20.743	149	186614	50.079	ng	88
81) Benzo(a)anthracene	21.707	228	605219	48.561	ng	99
82) 3,3'-Dichlorobenzidine	21.619	252	108539	29.149	ng	# 98
83) Chrysene	21.777	228	560579	47.187	ng	98
84) Bis(2-ethylhexyl)phtha...	21.619	149	271813	51.002	ng	# 93
85) Di-n-octyl phthalate	22.847	149	472973	51.634	ng	# 95
87) Indeno(1,2,3-cd)pyrene	28.728	276	733412	47.692	ng	# 96
88) Benzo(b)fluoranthene	23.957	252	645549	52.101	ng	99
89) Benzo(k)fluoranthene	24.028	252	610071	49.731	ng	99
90) Benzo(a)pyrene	24.838	252	606705	58.035	ng	100
91) Dibenzo(a,h)anthracene	28.798	278	641262	50.427	ng	98
92) Benzo(g,h,i)perylene	29.897	276	627849	50.030	ng	96

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

