

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040323\
 Data File : BG056955.D
 Acq On : 3 Apr 2023 13:08
 Operator : CG/JU
 Sample : 01627-09
 Misc : MDL-MDL-WATER 8ppm
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT1-2023

Quant Time: Apr 04 04:55:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 03:23:11 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/04/2023
 Supervised By :Jagrut Upadhyay 04/05/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.417	152	17194	20.000	ng	0.00
21) Naphthalene-d8	11.260	136	73419	20.000	ng	# 0.00
39) Acenaphthene-d10	15.032	164	55930	20.000	ng	0.00
64) Phenanthrene-d10	17.769	188	142072	20.000	ng	0.00
76) Chrysene-d12	22.093	240	133777	20.000	ng	0.00
86) Perylene-d12	25.641	264	145125	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.914	112	111997	104.249	ng	0.00
7) Phenol-d6	7.536	99	163497	101.754	ng	0.00
23) Nitrobenzene-d5	9.592	82	132331	73.750	ng	0.00
42) 2,4,6-Tribromophenol	16.512	330	95759	107.173	ng	0.00
45) 2-Fluorobiphenyl	13.657	172	322812	78.265	ng	0.00
79) Terphenyl-d14	20.342	244	626454	79.241	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.729	88	3491	7.413	ng	93
3) Pyridine	4.158	79	9551	6.297	ng	93
4) n-Nitrosodimethylamine	4.064	42	4298	6.163	ng	# 94
6) Aniline	7.724	93	14913	7.260	ng	95
8) 2-Chlorophenol	7.971	128	7902	7.384	ng	92
9) Benzaldehyde	7.536	77	9334	9.262	ng	91
10) Phenol	7.565	94	11062	6.948	ng	82
11) bis(2-Chloroethyl)ether	7.812	93	7894	6.961	ng	96
12) 1,3-Dichlorobenzene	8.305	146	9497m	8.032	ng	
13) 1,4-Dichlorobenzene	8.452	146	8471	7.098	ng	97
14) 1,2-Dichlorobenzene	8.781	146	9166m	7.950	ng	
15) Benzyl Alcohol	8.640	79	8784	6.579	ng	90
16) 2,2'-oxybis(1-Chloropr...	8.934	45	10356	7.577	ng	90
17) 2-Methylphenol	8.840	107	7668	6.751	ng	90
18) Hexachloroethane	9.521	117	3184	7.300	ng	85
19) n-Nitroso-di-n-propyla...	9.210	70	7657	6.662	ng	89
20) 3+4-Methylphenols	9.169	107	10036	6.319	ng	92
22) Acetophenone	9.239	105	14975	6.855	ng	# 89
24) Nitrobenzene	9.633	77	12903	7.034	ng	# 95
25) Isophorone	10.150	82	22649	6.629	ng	96
26) 2-Nitrophenol	10.356	139	4804	6.784	ng	# 91
27) 2,4-Dimethylphenol	10.397	122	8297	6.637	ng	97
28) bis(2-Chloroethoxy)met...	10.632	93	11073	6.473	ng	# 97
29) 2,4-Dichlorophenol	10.884	162	9180	6.828	ng	89
30) 1,2,4-Trichlorobenzene	11.107	180	9771	6.840	ng	# 92
31) Naphthalene	11.307	128	26360	6.587	ng	# 93
32) Benzoic acid	10.461	122	3217	3.746	ng	92
33) 4-Chloroaniline	11.401	127	11118	6.151	ng	97
34) Hexachlorobutadiene	11.583	225	6757	6.296	ng	# 82
35) Caprolactam	12.130	113	2850	6.146	ng	# 87
36) 4-Chloro-3-methylphenol	12.488	107	9447	6.283	ng	91
37) 2-Methylnaphthalene	12.882	142	21319	6.712	ng	99
38) 1-Methylnaphthalene	13.099	142	20079	6.733	ng	97
40) 1,2,4,5-Tetrachloroben...	13.240	216	14827	7.645	ng	97
41) Hexachlorocyclopentadiene	13.222	237	7656	7.164	ng	97
43) 2,4,6-Trichlorophenol	13.469	196	8183m	6.612	ng	

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040323\
 Data File : BG056955.D
 Acq On : 3 Apr 2023 13:08
 Operator : CG/JU
 Sample : 01627-09
 Misc : MDL-MDL-WATER 8ppm
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT1-2023

Quant Time: Apr 04 04:55:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 03:23:11 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/04/2023
 Supervised By :Jagrut Upadhyay 04/05/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.539	196	9061	6.180	ng	97
46) 1,1'-Biphenyl	13.863	154	29248	7.144	ng	98
47) 2-Chloronaphthalene	13.915	162	23061	7.616	ng	97
48) 2-Nitroaniline	14.109	65	6957	6.425	ng	95
49) Acenaphthylene	14.755	152	35790	7.194	ng	95
50) Dimethylphthalate	14.462	163	30719	6.971	ng	# 97
51) 2,6-Dinitrotoluene	14.585	165	6362	6.682	ng	89
52) Acenaphthene	15.096	154	24258	7.070	ng	99
53) 3-Nitroaniline	14.914	138	6925	7.348	ng	87
54) 2,4-Dinitrophenol	15.120	184	2441	4.555	ng	# 74
55) Dibenzofuran	15.419	168	38724	7.519	ng	98
56) 4-Nitrophenol	15.202	139	4600	6.601	ng	# 82
57) 2,4-Dinitrotoluene	15.366	165	9002	6.703	ng	# 99
58) Fluorene	16.065	166	30796	7.227	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.642	232	9274	6.947	ng	# 97
60) Diethylphthalate	15.807	149	31571	7.146	ng	94
61) 4-Chlorophenyl-phenyle...	16.048	204	17187	6.869	ng	98
62) 4-Nitroaniline	16.071	138	6823	6.988	ng	85
63) Azobenzene	16.342	77	30898	7.018	ng	96
65) 4,6-Dinitro-2-methylph...	16.130	198	5238	6.088	ng	88
66) n-Nitrosodiphenylamine	16.259	169	26810	7.030	ng	98
67) 4-Bromophenyl-phenylether	16.947	248	11874	6.755	ng	94
68) Hexachlorobenzene	17.070	284	12981	7.469	ng	93
69) Atrazine	17.187	200	12031	7.600	ng	95
70) Pentachlorophenol	17.411	266	6464	5.184	ng	91
71) Phenanthrene	17.810	178	52830	7.293	ng	98
72) Anthracene	17.904	178	51315	6.911	ng	96
73) Carbazole	18.163	167	47204	7.291	ng	97
74) Di-n-butylphthalate	18.691	149	51926	6.926	ng	98
75) Fluoranthene	19.796	202	62674	6.826	ng	97
77) Benzidine	19.960	184	35405	9.683	ng	98
78) Pyrene	20.160	202	63141	6.824	ng	96
80) Butylbenzylphthalate	21.018	149	20649	6.485	ng	94
81) Benzo(a)anthracene	22.069	228	63930	6.906	ng	98
82) 3,3'-Dichlorobenzidine	21.969	252	26206	8.383	ng	# 97
83) Chrysene	22.140	228	59491	6.863	ng	99
84) Bis(2-ethylhexyl)phtha...	21.928	149	31324	6.794	ng	99
85) Di-n-octyl phthalate	23.244	149	53488	6.884	ng	98
87) Indeno(1,2,3-cd)pyrene	29.723	276	76273	7.111	ng	# 71
88) Benzo(b)fluoranthene	24.501	252	66827	7.364	ng	95
89) Benzo(k)fluoranthene	24.572	252	64602	7.131	ng	93
90) Benzo(a)pyrene	25.465	252	57429	6.440	ng	# 93
91) Dibenzo(a,h)anthracene	29.800	278	63504	7.203	ng	93
92) Benzo(g,h,i)perylene	31.010	276	59874	6.936	ng	# 92

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

