Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071922\
Data File : BG054320.D
Acq On : 19 Jul 2022 16:26
Operator : CG/JU
Sample : N3214-09
Misc : MDL-MDL-WATER 4ppm
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/20/2022
Supervised By :Jagrut Upadhyay 07/20/2022

Quant Time: Jul 19 16:58:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 19 14:41:07 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.994	152	16346	20.000	ng		0.00
21) Naphthalene-d8	10.802	136	57520	20.000	ng	#	0.00
39) Acenaphthene-d10	14.627	164	47116	20.000	ng		0.00
64) Phenanthrene-d10	17.371	188	130558	20.000	ng	#	0.00
76) Chrysene-d12	21.636	240	176087	20.000	ng	#	0.00
86) Perylene-d12	24.833	264	188410	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.561	112	89878	114.802	ng		0.00
7) Phenol-d6	7.159	99	125336	116.835	ng		-0.01
23) Nitrobenzene-d5	9.157	82	96844	91.687	ng		0.00
42) 2,4,6-Tribromophenol	16.113	330	122516	123.846	ng		-0.01
45) 2-Fluorobiphenyl	13.252	172	308828	92.466	ng		0.00
79) Terphenyl-d14	19.985	244	747359	84.198	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.428	88	1451m	4.659	ng		
3) Pyridine	3.845	79	2523m	3.193	ng		
4) n-Nitrosodimethylamine	3.757	42	1179	2.669	ng	#	57
6) Aniline	7.318	93	4825	3.897	ng		90
8) 2-Chlorophenol	7.559	128	3580	3.979	ng		92
9) Benzaldehyde	7.130	77	3204	5.317	ng	#	71
10) Phenol	7.189	94	3760	3.528	ng		78
11) bis(2-Chloroethyl)ether	7.406	93	2802	3.606	ng		97
12) 1,3-Dichlorobenzene	7.888	146	4461	4.069	ng		95
13) 1,4-Dichlorobenzene	8.029	146	4530	4.002	ng		90
14) 1,2-Dichlorobenzene	8.346	146	3815	3.574	ng		93
15) Benzyl Alcohol	8.229	79	2860	3.241	ng	#	85
16) 2,2'-oxybis(1-Chloropr...	8.522	45	3588	3.666	ng		93
17) 2-Methylphenol	8.446	107	2636	3.431	ng		98
18) Hexachloroethane	9.081	117	1286	3.431	ng	#	47
19) n-Nitroso-di-n-propyla...	8.793	70	2516	3.512	ng	#	94
20) 3+4-Methylphenols	8.775	107	3700	3.418	ng		89
22) Acetophenone	8.816	105	5399	3.903	ng	#	92
24) Nitrobenzene	9.198	77	4271	4.138	ng		92
25) Isophorone	9.721	82	7127	3.880	ng	#	93
26) 2-Nitrophenol	9.921	139	1674	3.217	ng	#	79
27) 2,4-Dimethylphenol	9.974	122	3339	4.645	ng	#	79
28) bis(2-Chloroethoxy)met...	10.197	93	3846	4.151	ng		99
29) 2,4-Dichlorophenol	10.461	162	3826	3.526	ng		84
30) 1,2,4-Trichlorobenzene	10.661	180	5772	4.296	ng	#	84
31) Naphthalene	10.849	128	11175	3.870	ng		99
33) 4-Chloroaniline	10.961	127	4238	3.609	ng	#	89
34) Hexachlorobutadiene	11.137	225	4662	3.926	ng		98
35) Caprolactam	11.713	113	837	3.064	ng	#	78
36) 4-Chloro-3-methylphenol	12.083	107	3647	3.695	ng		87
37) 2-Methylnaphthalene	12.453	142	8265	3.727	ng		92
38) 1-Methylnaphthalene	12.676	142	8203	3.797	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.823	216	8283	4.013	ng	#	93
43) 2,4,6-Trichlorophenol	13.070	196	3642	3.240	ng		89
44) 2,4,5-Trichlorophenol	13.146	196	4161	3.277	ng	#	80
46) 1,1'-Biphenyl	13.464	154	13067	4.054	ng		89

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071922\
Data File : BG054320.D
Acq On : 19 Jul 2022 16:26
Operator : CG/JU
Sample : N3214-09
Misc : MDL-MDL-WATER 4ppm
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/20/2022
Supervised By :Jagrut Upadhyay 07/20/2022

Quant Time: Jul 19 16:58:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 19 14:41:07 2022
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47)	2-Chloronaphthalene	13.505	162	10156	3.765	ng		94
48)	2-Nitroaniline	13.710	65	2577	3.660	ng	#	82
49)	Acenaphthylene	14.351	152	16504	4.117	ng		98
50)	Dimethylphthalate	14.075	163	13969	3.796	ng	#	97
51)	2,6-Dinitrotoluene	14.198	165	2949	3.653	ng		86
52)	Acenaphthene	14.692	154	9550	3.935	ng		94
53)	3-Nitroaniline	14.533	138	2378	3.522	ng		86
55)	Dibenzofuran	15.026	168	17156	3.972	ng		93
56)	4-Nitrophenol	14.856	139	1086	2.411	ng	#	62
57)	2,4-Dinitrotoluene	14.991	165	4013	3.468	ng	#	84
58)	Fluorene	15.673	166	14020	3.948	ng		93
59)	2,3,4,6-Tetrachlorophenol	15.262	232	3679	2.976	ng	#	81
60)	Diethylphthalate	15.438	149	13421	3.801	ng	#	93
61)	4-Chlorophenyl-phenyle...	15.661	204	9338	4.006	ng	#	86
62)	4-Nitroaniline	15.690	138	2404	3.389	ng	#	72
63)	Azobenzene	15.955	77	9380	3.677	ng		85
65)	4,6-Dinitro-2-methylph...	15.761	198	1720	2.132	ng	#	78
66)	n-Nitrosodiphenylamine	15.873	169	12469	3.825	ng		95
67)	4-Bromophenyl-phenylether	16.560	248	7122	3.884	ng	#	87
68)	Hexachlorobenzene	16.683	284	8697	4.148	ng	#	84
69)	Atrazine	16.819	200	6181	4.261	ng		99
71)	Phenanthrene	17.412	178	24694	3.798	ng		97
72)	Anthracene	17.506	178	24923	3.906	ng		99
73)	Carbazole	17.776	167	21412	4.076	ng	#	96
74)	Di-n-butylphthalate	18.328	149	22681	3.659	ng		98
75)	Fluoranthene	19.427	202	34513	3.894	ng		95
77)	Benzidine	19.603	184	16165	5.069	ng		98
78)	Pyrene	19.786	202	36145	3.577	ng		98
80)	Butylbenzylphthalate	20.667	149	10236	3.251	ng	#	81
81)	Benzo(a)anthracene	21.619	228	42973	3.844	ng		99
82)	3,3'-Dichlorobenzidine	21.531	252	16556	4.762	ng	#	98
83)	Chrysene	21.683	228	39248	3.716	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.519	149	14946	3.355	ng		98
85)	Di-n-octyl phthalate	22.717	149	26948	3.545	ng	#	95
87)	Indeno(1,2,3-cd)pyrene	28.499	276	50655	3.534	ng	#	83
88)	Benzo(b)fluoranthene	23.816	252	43449	3.899	ng	#	96
89)	Benzo(k)fluoranthene	23.887	252	42544	3.837	ng	#	98
90)	Benzo(a)pyrene	24.680	252	41440	4.355	ng	#	98
91)	Dibenzo(a,h)anthracene	28.540	278	45415	3.853	ng	#	96
92)	Benzo(g,h,i)perylene	29.633	276	43091	3.704	ng	#	89

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071922\
Data File : BG054320.D
Acq On : 19 Jul 2022 16:26
Operator : CG/JU
Sample : N3214-09
Misc : MDL-MDL-WATER 4ppm
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 19 16:58:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 19 14:41:07 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT2-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/20/2022
Supervised By :Jagrut Upadhyay 07/20/2022