Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051823\
Data File : BG057456.D
Acq On : 18 May 2023 11:10
Operator : CG/JU
Sample : 02213-08
Misc : LOQ-WATER-10PPM
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 18 11:44:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 12 22:04:03 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2023

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/19/2023
Supervised By :Jagrut Upadhyay 05/22/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.358	152	17096	20.000	ng		0.00
21) Naphthalene-d8	11.195	136	69031	20.000	ng		0.00
39) Acenaphthene-d10	14.973	164	55853	20.000	ng		0.00
64) Phenanthrene-d10	17.716	188	143384	20.000	ng		0.00
76) Chrysene-d12	22.022	240	134312	20.000	ng		-0.01
86) Perylene-d12	25.523	264	146352	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.873	112	88687	88.739	ng		0.00
7) Phenol-d6	7.500	99	136246	89.775	ng		0.00
23) Nitrobenzene-d5	9.539	82	99850	60.709	ng		0.00
42) 2,4,6-Tribromophenol	16.459	330	76400	96.404	ng		0.00
45) 2-Fluorobiphenyl	13.598	172	273465	65.941	ng		0.00
79) Terphenyl-d14	20.283	244	510419	62.017	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.676	88	3449	8.346	ng		98
3) Pyridine	4.105	79	8838m	6.655	ng		
4) n-Nitrosodimethylamine	4.011	42	3982	6.381	ng		89
6) Aniline	7.671	93	14136	7.342	ng		93
8) 2-Chlorophenol	7.917	128	8370	7.926	ng		94
9) Benzaldehyde	7.489	77	8724	4.674	ng		96
10) Phenol	7.524	94	11239	7.597	ng		96
11) bis(2-Chloroethyl)ether	7.759	93	8392	7.523	ng		96
12) 1,3-Dichlorobenzene	8.246	146	9718	8.338	ng		97
13) 1,4-Dichlorobenzene	8.393	146	9783	8.356	ng		89
14) 1,2-Dichlorobenzene	8.722	146	9092	8.044	ng		94
15) Benzyl Alcohol	8.599	79	7938	6.279	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.881	45	10195	7.251	ng		96
17) 2-Methylphenol	8.799	107	7468	7.003	ng		95
18) Hexachloroethane	9.456	117	3369	7.974	ng	#	90
19) n-Nitroso-di-n-propyla...	9.157	70	7650	6.611	ng	#	93
20) 3+4-Methylphenols	9.122	107	10548	7.223	ng		85
22) Acetophenone	9.186	105	15240	7.713	ng	#	93
24) Nitrobenzene	9.580	77	11729	7.065	ng		91
25) Isophorone	10.097	82	21975	6.890	ng		100
26) 2-Nitrophenol	10.302	139	4817	7.581	ng		88
27) 2,4-Dimethylphenol	10.338	122	8769	7.881	ng		99
28) bis(2-Chloroethoxy)met...	10.573	93	11971	7.492	ng		97
29) 2,4-Dichlorophenol	10.849	162	9109	7.719	ng		91
30) 1,2,4-Trichlorobenzene	11.054	180	11328	8.322	ng		94
31) Naphthalene	11.248	128	29652	8.035	ng		99
32) Benzoic acid	10.526	122	701m	5.702	ng		
33) 4-Chloroaniline	11.348	127	12261	7.398	ng	#	90
34) Hexachlorobutadiene	11.518	225	8158	8.077	ng		97
35) Caprolactam	12.094	113	2957	7.335	ng		95
36) 4-Chloro-3-methylphenol	12.447	107	10395	7.751	ng		97
37) 2-Methylnaphthalene	12.828	142	22708	7.826	ng		93
38) 1-Methylnaphthalene	13.046	142	21174m	7.742	ng		
40) 1,2,4,5-Tetrachloroben...	13.187	216	16067	8.103	ng		98
41) Hexachlorocyclopentadiene	13.157	237	2138	8.362	ng		91
43) 2,4,6-Trichlorophenol	13.428	196	8731	7.228	ng		97

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44) 2,4,5-Trichlorophenol	13.504	196	10116	7.119	ng		94
46) 1,1'-Biphenyl	13.809	154	32731	7.897	ng		98
47) 2-Chloronaphthalene	13.862	162	24905	8.081	ng		96
48) 2-Nitroaniline	14.062	65	6908	6.592	ng		96
49) Acenaphthylene	14.702	152	38447	7.679	ng		99
50) Dimethylphthalate	14.409	163	33263	7.247	ng		98
51) 2,6-Dinitrotoluene	14.538	165	7133	7.612	ng		89
52) Acenaphthene	15.037	154	24449	7.814	ng		95
53) 3-Nitroaniline	14.879	138	6516	6.941	ng		90
54) 2,4-Dinitrophenol	15.113	184	1107	6.707	ng	#	82
55) Dibenzofuran	15.372	168	40083	7.625	ng		94
56) 4-Nitrophenol	15.202	139	3567	5.713	ng	#	71
57) 2,4-Dinitrotoluene	15.331	165	9776	7.299	ng	#	97
58) Fluorene	16.012	166	33862	7.820	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.601	232	9961m	7.732	ng		
60) Diethylphthalate	15.754	149	33744	7.240	ng		98
61) 4-Chlorophenyl-phenyle...	15.995	204	19760	7.575	ng		94
62) 4-Nitroaniline	16.036	138	7062	7.456	ng	#	85
63) Azobenzene	16.288	77	30928	6.877	ng		97
65) 4,6-Dinitro-2-methylph...	16.100	198	4870	5.689	ng		97
66) n-Nitrosodiphenylamine	16.206	169	28894	7.420	ng		98
67) 4-Bromophenyl-phenylether	16.888	248	12728	7.272	ng		97
68) Hexachlorobenzene	17.023	284	14255	8.381	ng		96
69) Atrazine	17.134	200	12486	8.405	ng		93
70) Pentachlorophenol	17.369	266	7941m	8.101	ng		
71) Phenanthrene	17.757	178	57419	7.815	ng		98
72) Anthracene	17.845	178	56817	7.536	ng		97
73) Carbazole	18.115	167	48535	7.647	ng		97
74) Di-n-butylphthalate	18.632	149	53631	7.344	ng	#	97
75) Fluoranthene	19.748	202	68059	7.448	ng		98
77) Benzidine	19.913	184	28848	9.607	ng		98
78) Pyrene	20.107	202	71093	7.284	ng		99
80) Butylbenzylphthalate	20.959	149	23122	7.467	ng		97
81) Benzo(a)anthracene	22.004	228	72135	7.538	ng		98
82) 3,3'-Dichlorobenzidine	21.898	252	27467	8.961	ng		97
83) Chrysene	22.075	228	68011	7.554	ng		98
84) Bis(2-ethylhexyl)phtha...	21.846	149	33415	7.293	ng		99
85) Di-n-octyl phthalate	23.138	149	55188	7.225	ng		97
87) Indeno(1,2,3-cd)pyrene	29.570	276	77157	7.234	ng	#	96
88) Benzo(b)fluoranthene	24.401	252	70724	7.393	ng		100
89) Benzo(k)fluoranthene	24.477	252	71859	7.392	ng		99
90) Benzo(a)pyrene	25.358	252	61386	6.568	ng	#	98
91) Dibenzo(a,h)anthracene	29.623	278	64271	7.235	ng	#	97
92) Benzo(g,h,i)perylene	30.833	276	61861	7.132	ng		97

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

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