Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071822\
Data File : BG054312.D
Acq On : 18 Jul 2022 15:46
Operator : CG/JU
Sample : N3214-08
Misc : LOQ-water-10ppm
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 18 16:19:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 18 16:19:21 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT2-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.000	152	17105	20.000	ng		0.00
21) Naphthalene-d8	10.809	136	63851	20.000	ng	#	0.00
39) Acenaphthene-d10	14.634	164	52133	20.000	ng		0.00
64) Phenanthrene-d10	17.377	188	143214	20.000	ng	#	0.00
76) Chrysene-d12	21.643	240	179248	20.000	ng	#	0.00
86) Perylene-d12	24.845	264	187302	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.562	112	116400	142.081	ng		0.00
7) Phenol-d6	7.166	99	159519	142.101	ng		0.00
23) Nitrobenzene-d5	9.158	82	88863	75.789	ng		0.00
42) 2,4,6-Tribromophenol	16.126	330	156553	143.023	ng		0.00
45) 2-Fluorobiphenyl	13.259	172	291847	78.972	ng		0.00
79) Terphenyl-d14	19.986	244	715088	79.141	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.429	88	2988	9.168	ng		87
3) Pyridine	3.840	79	7044	8.519	ng		98
4) n-Nitrosodimethylamine	3.758	42	3637	7.867	ng	#	72
6) Aniline	7.319	93	11901	9.184	ng		98
8) 2-Chlorophenol	7.559	128	8082	8.584	ng		92
9) Benzaldehyde	7.136	77	7267m	11.524	ng		
10) Phenol	7.189	94	10154	9.104	ng		82
11) bis(2-Chloroethyl)ether	7.418	93	7146	8.787	ng		87
12) 1,3-Dichlorobenzene	7.889	146	10198	8.890	ng		95
13) 1,4-Dichlorobenzene	8.030	146	10664	9.002	ng		92
14) 1,2-Dichlorobenzene	8.353	146	10014	8.964	ng		94
15) Benzyl Alcohol	8.235	79	7960	8.621	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.523	45	8697	8.492	ng		93
17) 2-Methylphenol	8.441	107	6967	8.667	ng		98
18) Hexachloroethane	9.087	117	3679	9.379	ng	#	80
19) n-Nitroso-di-n-propyla...	8.799	70	6507	8.680	ng	#	84
20) 3+4-Methylphenols	8.770	107	9654	8.523	ng		90
22) Acetophenone	8.817	105	13865	9.028	ng	#	95
24) Nitrobenzene	9.205	77	10047	8.768	ng	#	85
25) Isophorone	9.722	82	18540	9.092	ng		96
26) 2-Nitrophenol	9.916	139	5086	8.806	ng	#	83
27) 2,4-Dimethylphenol	9.980	122	8056	10.097	ng		84
28) bis(2-Chloroethoxy)met...	10.203	93	9643	9.376	ng		99
29) 2,4-Dichlorophenol	10.462	162	10413	8.646	ng		88
30) 1,2,4-Trichlorobenzene	10.673	180	13452	9.019	ng	#	95
31) Naphthalene	10.856	128	28236	8.809	ng		98
32) Benzoic acid	10.162	122	2797m	10.989	ng		
33) 4-Chloroaniline	10.961	127	11437	8.775	ng		96
34) Hexachlorobutadiene	11.144	225	11860	8.997	ng		91
35) Caprolactam	11.713	113	2602	8.580	ng	#	67
36) 4-Chloro-3-methylphenol	12.089	107	9763	8.911	ng		98
37) 2-Methylnaphthalene	12.466	142	20326	8.258	ng		97
38) 1-Methylnaphthalene	12.683	142	20276	8.454	ng		87
40) 1,2,4,5-Tetrachloroben...	12.830	216	20331	8.901	ng	#	97
41) Hexachlorocyclopentadiene	12.812	237	6636	12.384	ng		92
43) 2,4,6-Trichlorophenol	13.071	196	10252m	8.244	ng		

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.153	196	11437	8.139	ng	#	89
46) 1,1'-Biphenyl	13.464	154	32230	9.037	ng		97
47) 2-Chloronaphthalene	13.511	162	26199	8.777	ng		94
48) 2-Nitroaniline	13.711	65	6434	8.260	ng	#	80
49) Acenaphthylene	14.357	152	40980	9.240	ng		99
50) Dimethylphthalate	14.081	163	34665	8.513	ng		98
51) 2,6-Dinitrotoluene	14.205	165	7738	8.664	ng	#	80
52) Acenaphthene	14.698	154	23546	8.767	ng		97
53) 3-Nitroaniline	14.534	138	6125	8.199	ng	#	73
54) 2,4-Dinitrophenol	14.751	184	3712	8.554	ng	#	85
55) Dibenzofuran	15.033	168	42267	8.845	ng		93
56) 4-Nitrophenol	14.857	139	5074	10.181	ng	#	77
57) 2,4-Dinitrotoluene	14.992	165	11041	8.623	ng	#	85
58) Fluorene	15.679	166	34270	8.722	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.262	232	10966	8.016	ng	#	79
60) Diethylphthalate	15.444	149	34297	8.780	ng	#	91
61) 4-Chlorophenyl-phenyle...	15.668	204	23915	9.273	ng	#	85
62) 4-Nitroaniline	15.697	138	6325	8.059	ng		87
63) Azobenzene	15.961	77	23668	8.385	ng		85
65) 4,6-Dinitro-2-methylph...	15.762	198	7189	8.125	ng		84
66) n-Nitrosodiphenylamine	15.885	169	31749	8.879	ng		95
67) 4-Bromophenyl-phenylether	16.561	248	17332	8.617	ng	#	91
68) Hexachlorobenzene	16.690	284	20561	8.939	ng	#	88
69) Atrazine	16.825	200	15699	9.867	ng		94
70) Pentachlorophenol	17.037	266	7535	8.372	ng		92
71) Phenanthrene	17.419	178	60509	8.484	ng		98
72) Anthracene	17.513	178	61208	8.746	ng		97
73) Carbazole	17.777	167	51163	8.879	ng		96
74) Di-n-butylphthalate	18.335	149	57489	8.455	ng		97
75) Fluoranthene	19.428	202	84539	8.696	ng		97
77) Benzidine	19.604	184	36440	11.225	ng		98
78) Pyrene	19.792	202	86402	8.401	ng		98
80) Butylbenzylphthalate	20.674	149	25495	7.954	ng	#	80
81) Benzo(a)anthracene	21.625	228	98377	8.646	ng		99
82) 3,3'-Dichlorobenzidine	21.531	252	37666	10.644	ng	#	97
83) Chrysene	21.690	228	90267	8.397	ng		97
84) Bis(2-ethylhexyl)phtha...	21.525	149	36301	8.004	ng	#	91
85) Di-n-octyl phthalate	22.724	149	61984	8.011	ng	#	92
87) Indeno(1,2,3-cd)pyrene	28.500	276	116398	8.169	ng	#	97
88) Benzo(b)fluoranthene	23.823	252	98662	8.907	ng	#	98
89) Benzo(k)fluoranthene	23.893	252	98948	8.976	ng	#	98
90) Benzo(a)pyrene	24.692	252	96225	10.172	ng	#	98
91) Dibenzo(a,h)anthracene	28.558	278	103933	8.871	ng	#	98
92) Benzo(g,h,i)perylene	29.645	276	100250	8.669	ng	#	93

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

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