Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031622\
Data File : BG052681.D
Acq On : 16 Mar 2022 17:13
Operator : CG/JU
Sample : N1645-07
Misc : LOD-MDL-WATER 8ppm
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 16 18:37:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 16 11:53:01 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
03/17/2022
Supervised By :Jagrut Upadhyay
03/17/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.154	152	45513	20.000	ng		0.00
21) Naphthalene-d8	10.968	136	183016	20.000	ng		0.00
39) Acenaphthene-d10	14.775	164	129637	20.000	ng		0.00
64) Phenanthrene-d10	17.512	188	301542	20.000	ng		0.00
76) Chrysene-d12	21.801	240	326836	20.000	ng		-0.01
86) Perylene-d12	25.120	264	329669	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.711	112	383271	146.655	ng		0.00
7) Phenol-d6	7.302	99	566424	143.762	ng		0.00
23) Nitrobenzene-d5	9.312	82	319123	87.516	ng		0.00
42) 2,4,6-Tribromophenol	16.255	330	243183	139.602	ng		0.00
45) 2-Fluorobiphenyl	13.400	172	718214	81.709	ng		0.00
79) Terphenyl-d14	20.120	244	1373810	74.771	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.596	88	10535	8.059	ng		95
3) Pyridine	4.007	79	24177	7.214	ng	#	81
4) n-Nitrosodimethylamine	3.919	42	11341	7.629	ng	#	89
6) Aniline	7.473	93	38353	8.302	ng		97
8) 2-Chlorophenol	7.720	128	20656	7.522	ng		91
9) Benzaldehyde	7.285	77	25726	10.631	ng		94
10) Phenol	7.326	94	28357	7.291	ng		86
11) bis(2-Chloroethyl)ether	7.567	93	22818	7.769	ng		88
12) 1,3-Dichlorobenzene	8.049	146	25928m	7.842	ng		
13) 1,4-Dichlorobenzene	8.190	146	25933	7.806	ng		96
14) 1,2-Dichlorobenzene	8.513	146	23789	7.572	ng		97
15) Benzyl Alcohol	8.383	79	24063	7.253	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.683	45	37128	7.259	ng		99
17) 2-Methylphenol	8.583	107	19420	7.490	ng		96
18) Hexachloroethane	9.247	117	9706	7.963	ng		97
19) n-Nitroso-di-n-propyla...	8.953	70	20478	7.338	ng		96
20) 3+4-Methylphenols	8.906	107	26303	7.249	ng		95
22) Acetophenone	8.971	105	39328	8.304	ng		99
24) Nitrobenzene	9.359	77	31619	8.666	ng	#	87
25) Isophorone	9.881	82	55653	7.882	ng		97
26) 2-Nitrophenol	10.069	139	9763	7.706	ng		97
27) 2,4-Dimethylphenol	10.116	122	23155	8.933	ng		98
28) bis(2-Chloroethoxy)met...	10.363	93	30976	7.420	ng		95
29) 2,4-Dichlorophenol	10.604	162	21177	7.261	ng		94
30) 1,2,4-Trichlorobenzene	10.827	180	26434	7.683	ng		95
31) Naphthalene	11.021	128	72360	7.646	ng		99
32) Benzoic acid	10.175	122	9795	5.622	ng		84
33) 4-Chloroaniline	11.109	127	31212	7.781	ng		96
34) Hexachlorobutadiene	11.309	225	19593	7.942	ng		97
35) Caprolactam	11.867	113	5938	7.456	ng		95
36) 4-Chloro-3-methylphenol	12.213	107	23242	6.862	ng		97
37) 2-Methylnaphthalene	12.613	142	52539	7.580	ng		96
38) 1-Methylnaphthalene	12.830	142	51749	7.650	ng	#	84
40) 1,2,4,5-Tetrachloroben...	12.977	216	32696	8.073	ng		98
41) Hexachlorocyclopentadiene	12.965	237	21363	8.899	ng		95
43) 2,4,6-Trichlorophenol	13.206	196	19119	7.371	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.271	196	20339	7.726	ng		98
46) 1,1'-Biphenyl	13.612	154	71896	7.930	ng		97
47) 2-Chloronaphthalene	13.653	162	56767	7.951	ng		98
48) 2-Nitroaniline	13.841	65	14329	7.338	ng		93
49) Acenaphthylene	14.493	152	94014	8.260	ng		98
50) Dimethylphthalate	14.217	163	71436	7.414	ng		98
51) 2,6-Dinitrotoluene	14.322	165	12800	7.869	ng		89
52) Acenaphthene	14.839	154	55312	7.586	ng		95
53) 3-Nitroaniline	14.657	138	14061	7.387	ng		98
54) 2,4-Dinitrophenol	14.851	184	5843	6.590	ng	#	1
55) Dibenzofuran	15.168	168	88514	7.434	ng		98
56) 4-Nitrophenol	14.945	139	11241	7.240	ng		86
57) 2,4-Dinitrotoluene	15.110	165	16568	7.341	ng		97
58) Fluorene	15.814	166	73570	7.580	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.386	232	19233	6.835	ng	#	98
60) Diethylphthalate	15.580	149	73227	7.200	ng		96
61) 4-Chlorophenyl-phenyle...	15.809	204	38851	7.258	ng		97
62) 4-Nitroaniline	15.814	138	14139	7.030	ng		95
63) Azobenzene	16.102	77	77786	7.156	ng		94
65) 4,6-Dinitro-2-methylph...	15.879	198	8310	6.182	ng		99
66) n-Nitrosodiphenylamine	16.014	169	63731	7.507	ng		98
67) 4-Bromophenyl-phenylether	16.702	248	24505	6.741	ng		88
68) Hexachlorobenzene	16.825	284	29746	7.612	ng		98
69) Atrazine	16.960	200	24818	7.928	ng		98
70) Pentachlorophenol	17.160	266	15970	6.588	ng	#	88
71) Phenanthrene	17.553	178	122975	7.623	ng		97
72) Anthracene	17.647	178	126000	7.901	ng		96
73) Carbazole	17.906	167	115314	7.301	ng		98
74) Di-n-butylphthalate	18.470	149	128788	7.464	ng		100
75) Fluoranthene	19.556	202	160908	7.858	ng		98
77) Benzidine	19.733	184	74572	8.846	ng		98
78) Pyrene	19.921	202	164147	7.240	ng		97
80) Butylbenzylphthalate	20.808	149	53611	6.666	ng		95
81) Benzo(a)anthracene	21.783	228	166383	7.602	ng		98
82) 3,3'-Dichlorobenzidine	21.689	252	57862	7.487	ng		97
83) Chrysene	21.848	228	151690	7.373	ng		99
84) Bis(2-ethylhexyl)phtha...	21.695	149	78961	7.220	ng		97
85) Di-n-octyl phthalate	22.946	149	126747	6.961	ng		96
87) Indeno(1,2,3-cd)pyrene	28.909	276	166677	7.387	ng	#	88
88) Benzo(b)fluoranthene	24.062	252	162852	7.956	ng		99
89) Benzo(k)fluoranthene	24.133	252	158782	7.884	ng		99
90) Benzo(a)pyrene	24.961	252	150826	8.705	ng		98
91) Dibenzo(a,h)anthracene	28.991	278	150484	8.093	ng		99
92) Benzo(g,h,i)perylene	30.089	276	140983	7.663	ng	#	94

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

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