Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031622\
Data File : BG052679.D
Acq On : 16 Mar 2022 15:54
Operator : CG/JU
Sample : N1645-08
Misc : LOQ-WATER 10ppm
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 16 16:40:59 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 :
LOQ-WATER-02-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	8.155	152	36805	20.000	ng		0.00
21) Naphthalene-d8	10.969	136	146441	20.000	ng		0.00
39) Acenaphthene-d10	14.776	164	104623	20.000	ng		0.00
64) Phenanthrene-d10	17.513	188	251896	20.000	ng		0.00
76) Chrysene-d12	21.808	240	286195	20.000	ng		0.00
86) Perylene-d12	25.127	264	287190	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.706	112	203182	96.140	ng		0.00
7) Phenol-d6	7.298	99	291712	91.556	ng		0.00
23) Nitrobenzene-d5	9.313	82	219338	75.175	ng		0.00
42) 2,4,6-Tribromophenol	16.256	330	124693	88.696	ng		0.00
45) 2-Fluorobiphenyl	13.401	172	506523	71.403	ng		0.00
79) Terphenyl-d14	20.122	244	1080114	67.135	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.603	88	10155	9.606	ng	#	96
3) Pyridine	4.002	79	23481	8.665	ng	#	94
4) n-Nitrosodimethylamine	3.908	42	9484	7.889	ng	#	84
6) Aniline	7.468	93	35090	9.393	ng	#	88
8) 2-Chlorophenol	7.715	128	21445	9.657	ng		95
9) Benzaldehyde	7.280	77	23908	12.217	ng		87
10) Phenol	7.321	94	26990	8.581	ng		87
11) bis(2-Chloroethyl)ether	7.562	93	20454	8.612	ng		89
12) 1,3-Dichlorobenzene	8.044	146	23903	8.940	ng		94
13) 1,4-Dichlorobenzene	8.191	146	23684	8.816	ng		95
14) 1,2-Dichlorobenzene	8.514	146	22068	8.686	ng		97
15) Benzyl Alcohol	8.379	79	21461	8.000	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.684	45	35492	8.581	ng		96
17) 2-Methylphenol	8.578	107	17841	8.509	ng		95
18) Hexachloroethane	9.248	117	9131	9.264	ng		95
19) n-Nitroso-di-n-propyla...	8.954	70	20166	8.936	ng		92
20) 3+4-Methylphenols	8.907	107	25170	8.578	ng		89
22) Acetophenone	8.972	105	36127	9.533	ng		98
24) Nitrobenzene	9.354	77	27765	9.511	ng		96
25) Isophorone	9.883	82	51158	9.055	ng		98
26) 2-Nitrophenol	10.070	139	8607	8.490	ng		94
27) 2,4-Dimethylphenol	10.117	122	20782	10.020	ng		97
28) bis(2-Chloroethoxy)met...	10.364	93	28436	8.512	ng		96
29) 2,4-Dichlorophenol	10.605	162	19219	8.235	ng		96
30) 1,2,4-Trichlorobenzene	10.828	180	24685	8.966	ng		97
31) Naphthalene	11.016	128	68000	8.980	ng		100
32) Benzoic acid	10.188	122	12549	9.002	ng		99
33) 4-Chloroaniline	11.110	127	28716	8.947	ng	#	90
34) Hexachlorobutadiene	11.310	225	17071	8.648	ng		97
35) Caprolactam	11.868	113	5715	8.968	ng		94
36) 4-Chloro-3-methylphenol	12.215	107	22697	8.375	ng	#	81
37) 2-Methylnaphthalene	12.614	142	50414	9.091	ng		96
38) 1-Methylnaphthalene	12.831	142	48013	8.871	ng		97
40) 1,2,4,5-Tetrachloroben...	12.978	216	30603	9.363	ng		98
41) Hexachlorocyclopentadiene	12.961	237	25152m	12.982	ng		
43) 2,4,6-Trichlorophenol	13.207	196	18492	8.834	ng		89

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.278	196	19206	9.040	ng		96
46)	1,1'-Biphenyl	13.607	154	68278	9.332	ng		98
47)	2-Chloronaphthalene	13.654	162	53865	9.348	ng		95
48)	2-Nitroaniline	13.842	65	13430	8.522	ng		97
49)	Acenaphthylene	14.500	152	88809	9.669	ng		98
50)	Dimethylphthalate	14.218	163	66475	8.549	ng		99
51)	2,6-Dinitrotoluene	14.329	165	11942	9.096	ng	#	85
52)	Acenaphthene	14.840	154	55089	9.362	ng		96
53)	3-Nitroaniline	14.658	138	13176	8.577	ng		99
54)	2,4-Dinitrophenol	14.864	184	8772	12.258	ng	#	65
55)	Dibenzofuran	15.169	168	84295	8.772	ng		98
56)	4-Nitrophenol	14.946	139	11555	9.221	ng		94
57)	2,4-Dinitrotoluene	15.111	165	15742	8.642	ng		91
58)	Fluorene	15.822	166	69051	8.815	ng		96
59)	2,3,4,6-Tetrachlorophenol	15.387	232	18153	7.994	ng		98
60)	Diethylphthalate	15.581	149	69951	8.522	ng		94
61)	4-Chlorophenyl-phenyle...	15.810	204	37275	8.629	ng		95
62)	4-Nitroaniline	15.816	138	14705	9.059	ng		86
63)	Azobenzene	16.098	77	75380	8.592	ng		94
65)	4,6-Dinitro-2-methylph...	15.874	198	12143	10.813	ng		87
66)	n-Nitrosodiphenylamine	16.015	169	60443	8.523	ng		97
67)	4-Bromophenyl-phenylether	16.703	248	25198	8.297	ng		95
68)	Hexachlorobenzene	16.826	284	27846	8.530	ng	#	86
69)	Atrazine	16.961	200	23801	9.102	ng		99
70)	Pentachlorophenol	17.161	266	24517	12.106	ng		91
71)	Phenanthrene	17.560	178	119429	8.863	ng		97
72)	Anthracene	17.648	178	122545	9.199	ng		97
73)	Carbazole	17.907	167	113308	8.588	ng		98
74)	Di-n-butylphthalate	18.477	149	125659	8.718	ng		99
75)	Fluoranthene	19.564	202	160238	9.367	ng		99
77)	Benzidine	19.734	184	81275	11.011	ng		98
78)	Pyrene	19.922	202	166851	8.405	ng		98
80)	Butylbenzylphthalate	20.809	149	54750	7.775	ng		99
81)	Benzo(a)anthracene	21.784	228	170222	8.882	ng		99
82)	3,3'-Dichlorobenzidine	21.690	252	59194	8.747	ng		98
83)	Chrysene	21.849	228	158326	8.788	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.696	149	78779	8.226	ng		97
85)	Di-n-octyl phthalate	22.953	149	127287	7.984	ng		96
87)	Indeno(1,2,3-cd)pyrene	28.916	276	169967	8.646	ng	#	90
88)	Benzo(b)fluoranthene	24.063	252	163092	9.146	ng		99
89)	Benzo(k)fluoranthene	24.140	252	163726m	9.332	ng		
90)	Benzo(a)pyrene	24.968	252	155787	10.321	ng		98
91)	Dibenzo(a,h)anthracene	28.992	278	151723	9.367	ng		99
92)	Benzo(g,h,i)perylene	30.102	276	146125	9.118	ng	#	95

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

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