Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031622\
Data File : BG052682.D
Acq On : 16 Mar 2022 17:54
Operator : CG/JU
Sample : N1645-08
Misc : LOQ-WATER 5ppm
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 16 18:38:11 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	46453	20.000	ng		0.00
21) Naphthalene-d8	10.968	136	191050	20.000	ng	#	0.00
39) Acenaphthene-d10	14.775	164	135432	20.000	ng		0.00
64) Phenanthrene-d10	17.513	188	315765	20.000	ng		0.00
76) Chrysene-d12	21.801	240	350024	20.000	ng		-0.01
86) Perylene-d12	25.126	264	356261	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.705	112	264338	99.100	ng		0.00
7) Phenol-d6	7.297	99	381936	94.977	ng		0.00
23) Nitrobenzene-d5	9.312	82	267304	70.223	ng		0.00
42) 2,4,6-Tribromophenol	16.255	330	164670	90.486	ng		0.00
45) 2-Fluorobiphenyl	13.400	172	605647	65.955	ng		0.00
79) Terphenyl-d14	20.121	244	1177708	59.852	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.602	88	6641	4.977	ng		95
3) Pyridine	4.007	79	18470	5.400	ng	#	87
4) n-Nitrosodimethylamine	3.907	42	8015m	5.282	ng		
6) Aniline	7.473	93	29033	6.157	ng	#	93
8) 2-Chlorophenol	7.714	128	16660	5.944	ng		94
9) Benzaldehyde	7.279	77	16087	6.513	ng		84
10) Phenol	7.326	94	21590	5.439	ng		85
11) bis(2-Chloroethyl)ether	7.567	93	16907	5.640	ng		92
12) 1,3-Dichlorobenzene	8.043	146	19809m	5.870	ng		
13) 1,4-Dichlorobenzene	8.190	146	19635	5.791	ng		99
14) 1,2-Dichlorobenzene	8.507	146	19117	5.962	ng		97
15) Benzyl Alcohol	8.384	79	18135	5.356	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.683	45	27930	5.350	ng		97
17) 2-Methylphenol	8.583	107	15380	5.812	ng		95
18) Hexachloroethane	9.253	117	7246	5.825	ng		88
19) n-Nitroso-di-n-propyla...	8.948	70	16214	5.693	ng	#	92
20) 3+4-Methylphenols	8.901	107	19649	5.306	ng		95
22) Acetophenone	8.971	105	22462	4.543	ng	#	97
24) Nitrobenzene	9.353	77	24551	6.446	ng	#	87
25) Isophorone	9.882	82	41818	5.674	ng	#	97
26) 2-Nitrophenol	10.064	139	7065	5.342	ng		95
27) 2,4-Dimethylphenol	10.117	122	16722	6.180	ng		94
28) bis(2-Chloroethoxy)met...	10.358	93	24099	5.530	ng		93
29) 2,4-Dichlorophenol	10.604	162	15534	5.102	ng		92
30) 1,2,4-Trichlorobenzene	10.827	180	20825	5.798	ng	#	87
31) Naphthalene	11.021	128	57554	5.826	ng		97
32) Benzoic acid	10.164	122	3366	1.851	ng		92
33) 4-Chloroaniline	11.115	127	23352	5.577	ng		97
34) Hexachlorobutadiene	11.315	225	14146	5.493	ng		94
35) Caprolactam	11.861	113	3436	4.133	ng	#	88
36) 4-Chloro-3-methylphenol	12.214	107	18343	5.188	ng		92
37) 2-Methylnaphthalene	12.613	142	40576	5.608	ng		93
38) 1-Methylnaphthalene	12.831	142	39824	5.640	ng		96
40) 1,2,4,5-Tetrachloroben...	12.977	216	21011	4.966	ng		97
41) Hexachlorocyclopentadiene	12.960	237	16602	6.620	ng		93
43) 2,4,6-Trichlorophenol	13.201	196	13919	5.137	ng		95

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.277	196	15906	5.783	ng		94
46)	1,1'-Biphenyl	13.612	154	45987	4.855	ng		97
47)	2-Chloronaphthalene	13.653	162	43443	5.824	ng		97
48)	2-Nitroaniline	13.835	65	11164	5.473	ng		86
49)	Acenaphthylene	14.493	152	71338	6.000	ng		99
50)	Dimethylphthalate	14.217	163	52338	5.200	ng		100
51)	2,6-Dinitrotoluene	14.329	165	9711	5.714	ng	#	88
52)	Acenaphthene	14.840	154	42798	5.619	ng		97
53)	3-Nitroaniline	14.658	138	10882	5.472	ng	#	90
54)	2,4-Dinitrophenol	14.863	184	4678	5.050	ng	#	80
55)	Dibenzofuran	15.169	168	69604	5.596	ng		99
56)	4-Nitrophenol	14.940	139	8191	5.050	ng		94
57)	2,4-Dinitrotoluene	15.110	165	12209	5.178	ng		93
58)	Fluorene	15.815	166	57256	5.647	ng		95
59)	2,3,4,6-Tetrachlorophenol	15.386	232	14406	4.901	ng	#	97
60)	Diethylphthalate	15.580	149	56157	5.285	ng		99
61)	4-Chlorophenyl-phenyle...	15.809	204	30650	5.481	ng		92
62)	4-Nitroaniline	15.809	138	11717	5.576	ng		89
63)	Azobenzene	16.097	77	59788	5.265	ng		96
65)	4,6-Dinitro-2-methylph...	15.879	198	7383	5.245	ng		83
66)	n-Nitrosodiphenylamine	16.015	169	49527	5.571	ng		95
67)	4-Bromophenyl-phenylether	16.702	248	19699	5.174	ng		99
68)	Hexachlorobenzene	16.825	284	22987	5.618	ng		92
69)	Atrazine	16.960	200	15416	4.703	ng		94
70)	Pentachlorophenol	17.160	266	12381	4.877	ng		96
71)	Phenanthrene	17.554	178	96426	5.708	ng		98
72)	Anthracene	17.648	178	99245	5.943	ng		97
73)	Carbazole	17.906	167	89514	5.412	ng		98
74)	Di-n-butylphthalate	18.470	149	100564	5.566	ng		98
75)	Fluoranthene	19.563	202	126115	5.881	ng		97
77)	Benzidine	19.727	184	52799	5.848	ng		100
78)	Pyrene	19.921	202	129890	5.350	ng		95
80)	Butylbenzylphthalate	20.808	149	41531	4.822	ng		98
81)	Benzo(a)anthracene	21.783	228	132214	5.641	ng		98
82)	3,3'-Dichlorobenzidine	21.689	252	36145	4.367	ng		98
83)	Chrysene	21.854	228	122418	5.556	ng		96
84)	Bis(2-ethylhexyl)phtha...	21.695	149	63062	5.384	ng		99
85)	Di-n-octyl phthalate	22.946	149	97027	4.976	ng	#	94
87)	Indeno(1,2,3-cd)pyrene	28.915	276	132753	5.444	ng	#	83
88)	Benzo(b)fluoranthene	24.062	252	126468	5.717	ng		99
89)	Benzo(k)fluoranthene	24.133	252	122461	5.627	ng		99
90)	Benzo(a)pyrene	24.961	252	120387	6.429	ng		98
91)	Dibenzo(a,h)anthracene	28.985	278	116686	5.807	ng		98
92)	Benzo(g,h,i)perylene	30.101	276	113104	5.689	ng	#	97

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

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