Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021722\
Data File : BG052416.D
Acq On : 17 Feb 2022 11:02
Operator : CG/JU
Sample : M4068-08
Misc : LOQ-WATER 10ppm
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 17 13:47:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 17 11:30:33 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2021

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.222	152	26939	20.000	ng		0.00
21) Naphthalene-d8	11.059	136	109576	20.000	ng	#	0.00
39) Acenaphthene-d10	14.871	164	81134	20.000	ng		0.00
64) Phenanthrene-d10	17.615	188	201782	20.000	ng		0.00
76) Chrysene-d12	21.932	240	218092	20.000	ng		0.00
86) Perylene-d12	25.392	264	221593	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.754	112	166281	107.578	ng		0.00
7) Phenol-d6	7.370	99	236414	99.130	ng		0.00
23) Nitrobenzene-d5	9.396	82	177276	70.313	ng		0.00
42) 2,4,6-Tribromophenol	16.352	330	125020	107.256	ng		0.00
45) 2-Fluorobiphenyl	13.491	172	422366	72.336	ng		0.00
79) Terphenyl-d14	20.211	244	863470	69.914	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.587	88	5933	8.336	ng		87
3) Pyridine	3.998	79	16400	7.945	ng		95
4) n-Nitrosodimethylamine	3.904	42	8843	8.297	ng	#	70
6) Aniline	7.534	93	27341	9.868	ng		93
8) 2-Chlorophenol	7.781	128	14966	8.802	ng		99
9) Benzaldehyde	7.346	77	16057	10.968	ng		94
10) Phenol	7.393	94	20892	8.817	ng		97
11) bis(2-Chloroethyl)ether	7.622	93	16355	9.030	ng		98
12) 1,3-Dichlorobenzene	8.110	146	17472	9.018	ng		99
13) 1,4-Dichlorobenzene	8.263	146	17611	8.917	ng		95
14) 1,2-Dichlorobenzene	8.586	146	17126	8.793	ng		94
15) Benzyl Alcohol	8.457	79	17147	8.663	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.744	45	22468	8.590	ng		95
17) 2-Methylphenol	8.662	107	14553	9.307	ng	#	84
18) Hexachloroethane	9.326	117	6304	9.180	ng		96
19) n-Nitroso-di-n-propyla...	9.026	70	16106	8.958	ng	#	91
20) 3+4-Methylphenols	8.991	107	19720	8.815	ng		90
22) Acetophenone	9.050	105	23189	8.007	ng	#	99
24) Nitrobenzene	9.438	77	23205	9.703	ng		93
25) Isophorone	9.960	82	43465	10.132	ng		98
26) 2-Nitrophenol	10.160	139	9043	8.921	ng	#	87
27) 2,4-Dimethylphenol	10.213	122	15688	10.453	ng		96
28) bis(2-Chloroethoxy)met...	10.442	93	22991	9.443	ng		99
29) 2,4-Dichlorophenol	10.706	162	16262	9.040	ng		96
30) 1,2,4-Trichlorobenzene	10.924	180	20058	9.548	ng		91
31) Naphthalene	11.112	128	56402	9.818	ng		98
32) Benzoic acid	10.330	122	10048m	11.399	ng		
33) 4-Chloroaniline	11.212	127	23500	9.798	ng		97
34) Hexachlorobutadiene	11.400	225	13250	9.340	ng		95
35) Caprolactam	11.946	113	4672	7.126	ng	#	84
36) 4-Chloro-3-methylphenol	12.328	107	19422	9.490	ng		87
37) 2-Methylnaphthalene	12.710	142	41722	9.779	ng		98
38) 1-Methylnaphthalene	12.927	142	40840	9.878	ng	#	95
40) 1,2,4,5-Tetrachloroben...	13.074	216	22869	8.570	ng		95
41) Hexachlorocyclopentadiene	13.050	237	8982	7.972	ng		89
43) 2,4,6-Trichlorophenol	13.303	196	15272	8.750	ng		90

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.385	196	16767	8.865	ng		95
46)	1,1'-Biphenyl	13.702	154	49804	8.371	ng		99
47)	2-Chloronaphthalene	13.749	162	45583	9.945	ng		98
48)	2-Nitroaniline	13.943	65	14896	9.128	ng		91
49)	Acenaphthylene	14.589	152	76978	10.317	ng		98
50)	Dimethylphthalate	14.307	163	59092	9.507	ng		97
51)	2,6-Dinitrotoluene	14.425	165	13277	9.899	ng		91
52)	Acenaphthene	14.930	154	47357m	9.691	ng		
53)	3-Nitroaniline	14.760	138	13201	9.469	ng		90
54)	2,4-Dinitrophenol	14.971	184	6229	8.566	ng	#	82
55)	Dibenzofuran	15.265	168	74250	9.662	ng		99
56)	4-Nitrophenol	15.077	139	12171	11.625	ng	#	81
57)	2,4-Dinitrotoluene	15.218	165	19298	10.109	ng		91
58)	Fluorene	15.911	166	61532	10.030	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.488	232	14664	8.116	ng	#	95
60)	Diethylphthalate	15.664	149	59812	9.526	ng		99
61)	4-Chlorophenyl-phenyle...	15.893	204	32773	9.378	ng		94
62)	4-Nitroaniline	15.917	138	14106	9.611	ng	#	85
63)	Azobenzene	16.187	77	61437	9.559	ng		96
65)	4,6-Dinitro-2-methylph...	15.982	198	8368	6.894	ng		96
66)	n-Nitrosodiphenylamine	16.111	169	54767	9.851	ng		92
67)	4-Bromophenyl-phenylether	16.792	248	22809	9.295	ng		95
68)	Hexachlorobenzene	16.927	284	26610	9.998	ng		96
69)	Atrazine	17.045	200	18232	8.111	ng		91
70)	Pentachlorophenol	17.274	266	11152m	8.565	ng		
71)	Phenanthrene	17.656	178	105717	10.163	ng		98
72)	Anthracene	17.750	178	104468	10.249	ng		98
73)	Carbazole	18.014	167	96690	9.726	ng		99
74)	Di-n-butylphthalate	18.555	149	110453	10.197	ng	#	98
75)	Fluoranthene	19.659	202	138294	10.441	ng		100
77)	Benzidine	19.829	184	44093	9.462	ng		99
78)	Pyrene	20.023	202	141268	9.680	ng		98
80)	Butylbenzylphthalate	20.893	149	46942	9.260	ng		91
81)	Benzo(a)anthracene	21.909	228	140353	9.725	ng		98
82)	3,3'-Dichlorobenzidine	21.809	252	40572	8.053	ng	#	97
83)	Chrysene	21.979	228	129727	9.486	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.785	149	68321	9.720	ng		100
85)	Di-n-octyl phthalate	23.078	149	114760	9.738	ng	#	94
87)	Indeno(1,2,3-cd)pyrene	29.387	276	149119	9.196	ng		99
88)	Benzo(b)fluoranthene	24.282	252	141143m	10.221	ng		
89)	Benzo(k)fluoranthene	24.358	252	137414	10.074	ng		99
90)	Benzo(a)pyrene	25.234	252	131715	11.292	ng		95
91)	Dibenzo(a,h)anthracene	29.446	278	131576	9.822	ng	#	98
92)	Benzo(g,h,i)perylene	30.638	276	128423	9.769	ng	#	92

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

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