Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030222\
Data File : BG052541.D
Acq On : 2 Mar 2022 17:44
Operator : CG/JU
Sample : N1713-04MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 03 02:26:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 08 01:21:20 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
VNJ-235MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/03/2022
Supervised By :Jagrut Upadhyay 03/04/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.217	152	32421	20.000	ng		0.00
21) Naphthalene-d8	11.060	136	126860	20.000	ng	#	0.00
39) Acenaphthene-d10	14.867	164	91114	20.000	ng		0.00
64) Phenanthrene-d10	17.616	188	218875	20.000	ng		0.00
76) Chrysene-d12	21.934	240	215950	20.000	ng		0.00
86) Perylene-d12	25.394	264	227520	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.756	112	162456	87.332	ng		0.00
7) Phenol-d6	7.371	99	208128	72.513	ng		0.00
23) Nitrobenzene-d5	9.392	82	162428	55.646	ng		0.00
42) 2,4,6-Tribromophenol	16.353	330	118693	90.675	ng		0.00
45) 2-Fluorobiphenyl	13.487	172	372978	56.881	ng		0.00
79) Terphenyl-d14	20.207	244	725883	59.357	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.588	88	21422	25.009	ng	#	53
3) Pyridine	4.005	79	51856	20.874	ng		89
4) n-Nitrosodimethylamine	3.905	42	33559	26.162	ng	#	71
6) Aniline	7.530	93	59034	17.704	ng		97
8) 2-Chlorophenol	7.783	128	63185	30.876	ng		96
9) Benzaldehyde	7.342	77	50949	28.584	ng		93
10) Phenol	7.401	94	78451	27.509	ng		91
11) bis(2-Chloroethyl)ether	7.618	93	61920	28.406	ng		91
12) 1,3-Dichlorobenzene	8.106	146	65368	28.036	ng		97
13) 1,4-Dichlorobenzene	8.258	146	66241	27.869	ng		96
14) 1,2-Dichlorobenzene	8.581	146	65529	27.954	ng		91
15) Benzyl Alcohol	8.458	79	69216	29.056	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.746	45	82252	26.131	ng		97
17) 2-Methylphenol	8.664	107	57022	30.301	ng		94
18) Hexachloroethane	9.322	117	22250	26.921	ng		86
19) n-Nitroso-di-n-propyla...	9.022	70	58409	26.993	ng		92
20) 3+4-Methylphenols	8.993	107	79167	29.405	ng		94
22) Acetophenone	9.046	105	102131	30.461	ng	#	93
24) Nitrobenzene	9.433	77	84450	30.500	ng		97
25) Isophorone	9.962	82	162197	32.658	ng		98
26) 2-Nitrophenol	10.156	139	37956	32.342	ng	#	85
27) 2,4-Dimethylphenol	10.209	122	65071	37.449	ng		97
28) bis(2-Chloroethoxy)met...	10.438	93	83080	29.476	ng		98
29) 2,4-Dichlorophenol	10.708	162	67511	32.415	ng		94
30) 1,2,4-Trichlorobenzene	10.919	180	69914	28.747	ng		99
31) Naphthalene	11.107	128	193298	29.065	ng		98
32) Benzoic acid	10.361	122	15923	18.385	ng	#	85
33) 4-Chloroaniline	11.213	127	26384	9.502	ng	#	93
34) Hexachlorobutadiene	11.389	225	45669	27.805	ng		90
35) Caprolactam	11.977	113	20021	26.378	ng	#	80
36) 4-Chloro-3-methylphenol	12.329	107	76484	32.279	ng		97
37) 2-Methylnaphthalene	12.705	142	145301	29.415	ng		97
38) 1-Methylnaphthalene	12.923	142	140571	29.368	ng	#	100
40) 1,2,4,5-Tetrachloroben...	13.069	216	87818	29.303	ng		99
41) Hexachlorocyclopentadiene	13.052	237	80402	57.295	ng		98
43) 2,4,6-Trichlorophenol	13.304	196	62482	31.879	ng		94

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.387	196	67241	31.657	ng		97
46)	1,1'-Biphenyl	13.698	154	204710	30.640	ng		99
47)	2-Chloronaphthalene	13.751	162	159121	30.913	ng		97
48)	2-Nitroaniline	13.939	65	57304	31.269	ng		94
49)	Acenaphthylene	14.591	152	270192	32.246	ng		99
50)	Dimethylphthalate	14.303	163	230569	33.034	ng		100
51)	2,6-Dinitrotoluene	14.426	165	49698	32.996	ng		92
52)	Acenaphthene	14.932	154	156941m	28.599	ng		
53)	3-Nitroaniline	14.761	138	31085	19.855	ng		99
54)	2,4-Dinitrophenol	14.973	184	10300	15.268	ng		93
55)	Dibenzofuran	15.261	168	255375	29.591	ng		100
56)	4-Nitrophenol	15.073	139	70438	59.910	ng		86
57)	2,4-Dinitrotoluene	15.220	165	70703	32.981	ng	#	85
58)	Fluorene	15.913	166	216130	31.371	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.490	232	60361	29.748	ng		97
60)	Diethylphthalate	15.660	149	219209	31.090	ng		99
61)	4-Chlorophenyl-phenyle...	15.895	204	115809	29.510	ng		98
62)	4-Nitroaniline	15.924	138	47800	29.002	ng	#	84
63)	Azobenzene	16.189	77	207511	28.749	ng		93
65)	4,6-Dinitro-2-methylph...	15.989	198	13883	10.544	ng		90
66)	n-Nitrosodiphenylamine	16.107	169	191385	31.736	ng		99
67)	4-Bromophenyl-phenylether	16.794	248	80252	30.150	ng		96
68)	Hexachlorobenzene	16.923	284	89017	30.834	ng		93
69)	Atrazine	17.052	200	80827	33.152	ng		94
70)	Pentachlorophenol	17.270	266	61439	43.501	ng		97
71)	Phenanthrene	17.657	178	350067	31.026	ng		97
72)	Anthracene	17.751	178	356436	32.237	ng		98
73)	Carbazole	18.016	167	329755	30.579	ng		99
74)	Di-n-butylphthalate	18.556	149	384463	32.722	ng		98
75)	Fluoranthene	19.661	202	445079	30.979	ng		98
77)	Benzidine	19.831	184	41657	9.028	ng		97
78)	Pyrene	20.025	202	452168	31.292	ng		98
80)	Butylbenzylphthalate	20.888	149	164298	32.733	ng		96
81)	Benzo(a)anthracene	21.910	228	451580	31.601	ng		99
82)	3,3'-Dichlorobenzidine	21.811	252	69748	13.981	ng		100
83)	Chrysene	21.981	228	413582	30.542	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.787	149	229501	32.975	ng		98
85)	Di-n-octyl phthalate	23.079	149	392033	33.596	ng	#	94
87)	Indeno(1,2,3-cd)pyrene	29.394	276	494205	29.683	ng	#	94
88)	Benzo(b)fluoranthene	24.290	252	462099	32.593	ng		98
89)	Benzo(k)fluoranthene	24.366	252	442255	31.576	ng		99
90)	Benzo(a)pyrene	25.229	252	442472	36.945	ng		97
91)	Dibenzo(a,h)anthracene	29.453	278	435963	31.698	ng		98
92)	Benzo(g,h,i)perylene	30.652	276	421937	31.259	ng		97

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

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