Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020623\
Data File : BG056556.D
Acq On : 6 Feb 2023 15:43
Operator : CG/JU
Sample : 01442-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 07 04:33:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 07 04:30:04 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
B-01-SB02MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/07/2023
Supervised By :Jagrut Upadhyay 02/07/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.273	152	33499	20.000	ng	# 0.00
21) Naphthalene-d8	11.111	136	128191	20.000	ng	0.00
39) Acenaphthene-d10	14.895	164	99605	20.000	ng	0.00
64) Phenanthrene-d10	17.639	188	269165	20.000	ng	0.00
76) Chrysene-d12	21.928	240	250096	20.000	ng	0.00
86) Perylene-d12	25.353	264	274790	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.800	112	248385	136.399	ng	0.00
7) Phenol-d6	7.427	99	338337	125.396	ng	0.00
23) Nitrobenzene-d5	9.454	82	173210	76.727	ng	0.00
42) 2,4,6-Tribromophenol	16.381	330	167306	126.346	ng	0.00
45) 2-Fluorobiphenyl	13.520	172	537647	74.836	ng	0.00
79) Terphenyl-d14	20.212	244	1058538	74.339	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.591	88	32525	42.894	ng	# 93
3) Pyridine	4.014	79	89297	39.506	ng	97
4) n-Nitrosodimethylamine	3.925	42	20766	43.201	ng	# 79
6) Aniline	7.586	93	94821	26.842	ng	95
8) 2-Chlorophenol	7.833	128	100693	50.334	ng	98
9) Benzaldehyde	7.398	77	56404m	49.347	ng	
10) Phenol	7.451	94	138948	50.668	ng	99
11) bis(2-Chloroethyl)ether	7.674	93	86149	45.704	ng	97
12) 1,3-Dichlorobenzene	8.162	146	115592	50.186	ng	99
13) 1,4-Dichlorobenzene	8.309	146	115407	49.476	ng	98
14) 1,2-Dichlorobenzene	8.632	146	110271	48.725	ng	98
15) Benzyl Alcohol	8.508	79	85346m	46.103	ng	
16) 2,2'-oxybis(1-Chloropr...	8.790	45	19111	47.851	ng	97
17) 2-Methylphenol	8.714	107	96211	46.116	ng	97
18) Hexachloroethane	9.372	117	34649	49.113	ng	99
19) n-Nitroso-di-n-propyla...	9.078	70	65011	41.810	ng	95
20) 3+4-Methylphenols	9.043	107	130923	44.779	ng	95
22) Acetophenone	9.102	105	152669	44.823	ng	97
24) Nitrobenzene	9.495	77	98517	45.243	ng	98
25) Isophorone	10.018	82	192644	41.364	ng	99
26) 2-Nitrophenol	10.212	139	61387	46.464	ng	98
27) 2,4-Dimethylphenol	10.259	122	107748m	48.731	ng	
28) bis(2-Chloroethoxy)met...	10.488	93	113758	44.215	ng	97
29) 2,4-Dichlorophenol	10.753	162	120192	48.293	ng	95
30) 1,2,4-Trichlorobenzene	10.964	180	128411	46.430	ng	98
31) Naphthalene	11.158	128	305791	45.195	ng	99
32) Benzoic acid	10.424	122	64415m	52.072	ng	
33) 4-Chloroaniline	11.264	127	58522	18.530	ng	99
34) Hexachlorobutadiene	11.428	225	89478	46.091	ng	94
35) Caprolactam	12.045	113	37125m	44.229	ng	
36) 4-Chloro-3-methylphenol	12.368	107	114034	47.445	ng	95
37) 2-Methylnaphthalene	12.745	142	233288	41.823	ng	96
38) 1-Methylnaphthalene	12.962	142	215860	41.436	ng	98
40) 1,2,4,5-Tetrachloroben...	13.109	216	170377	46.821	ng	99
41) Hexachlorocyclopentadiene	13.079	237	141682	73.970	ng	96
43) 2,4,6-Trichlorophenol	13.344	196	116637	49.739	ng	100

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.420	196	124062	45.186	ng		98
46)	1,1'-Biphenyl	13.732	154	337660	46.738	ng		99
47)	2-Chloronaphthalene	13.784	162	269829	47.783	ng		99
48)	2-Nitroaniline	13.984	65	54812	46.954	ng		96
49)	Acenaphthylene	14.625	152	422254	45.960	ng		99
50)	Dimethylphthalate	14.337	163	361446	44.854	ng		99
51)	2,6-Dinitrotoluene	14.466	165	81437	46.341	ng		99
52)	Acenaphthene	14.960	154	248137	45.544	ng		100
53)	3-Nitroaniline	14.801	138	43138	25.320	ng		96
54)	2,4-Dinitrophenol	15.012	184	114457	103.891	ng		96
55)	Dibenzofuran	15.294	168	447523	45.802	ng		100
56)	4-Nitrophenol	15.112	139	119735	102.854	ng		95
57)	2,4-Dinitrotoluene	15.253	165	117878	47.621	ng		99
58)	Fluorene	15.941	166	359570	46.248	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.518	232	120794	49.482	ng		99
60)	Diethylphthalate	15.688	149	343474	45.392	ng		100
61)	4-Chlorophenyl-phenyle...	15.917	204	216207	45.573	ng		94
62)	4-Nitroaniline	15.958	138	78425	46.004	ng		96
63)	Azobenzene	16.211	77	300587	57.731	ng		99
65)	4,6-Dinitro-2-methylph...	16.023	198	83486	44.117	ng		96
66)	n-Nitrosodiphenylamine	16.135	169	336098	44.102	ng		100
67)	4-Bromophenyl-phenylether	16.810	248	152678	44.309	ng		97
68)	Hexachlorobenzene	16.945	284	156219	46.289	ng		97
69)	Atrazine	17.069	200	150231	51.098	ng		98
70)	Pentachlorophenol	17.286	266	173886	85.151	ng		98
71)	Phenanthrene	17.680	178	643778	45.698	ng		99
72)	Anthracene	17.768	178	665262	46.003	ng		99
73)	Carbazole	18.038	167	581563	47.218	ng		100
74)	Di-n-butylphthalate	18.561	149	601713	46.528	ng		99
75)	Fluoranthene	19.672	202	802815	45.152	ng		100
77)	Benzidine	19.842	184	362605	53.577	ng		99
78)	Pyrene	20.036	202	819686	46.083	ng		100
80)	Butylbenzylphthalate	20.888	149	247270	45.518	ng		99
81)	Benzo(a)anthracene	21.910	228	797799	45.629	ng		99
82)	3,3'-Dichlorobenzidine	21.804	252	172856	27.453	ng		98
83)	Chrysene	21.981	228	747618	45.513	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.763	149	351777	45.167	ng		99
85)	Di-n-octyl phthalate	23.032	149	595118	45.883	ng		100
87)	Indeno(1,2,3-cd)pyrene	29.313	276	946110	47.035	ng	#	94
88)	Benzo(b)fluoranthene	24.260	252	823661	48.292	ng		100
89)	Benzo(k)fluoranthene	24.331	252	802232	46.586	ng		100
90)	Benzo(a)pyrene	25.195	252	730760	43.495	ng		97
91)	Dibenzo(a,h)anthracene	29.360	278	801854	47.491	ng		100
92)	Benzo(g,h,i)perylene	30.547	276	765388	46.980	ng		99

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

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