Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082520\
Data File : BG046451.D
Acq On : 25 Aug 2020 16:49
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
8/26/2020 4:00:13 PM

Quant Time: Aug 25 18:01:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 25 17:53:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	84258	20.00	ng		0.00
21) Naphthalene-d8	10.73	136	313665	20.00	ng		0.00
39) Acenaphthene-d10	14.57	164	219275	20.00	ng		0.00
64) Phenanthrene-d10	17.31	188	523793	20.00	ng		0.00
76) Chrysene-d12	21.57	240	498900	20.00	ng		0.00
86) Perylene-d12	24.67	264	504051	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	691202	145.30	ng		0.00
7) Phenol-d6	7.11	99	968171	143.57	ng		0.00
23) Nitrobenzene-d5	9.10	82	850880	155.04	ng		0.01
42) 2,4,6-Tribromophenol	16.06	330	451647	152.02	ng		0.00
45) 2-Fluorobiphenyl	13.19	172	1997171	139.04	ng		0.00
79) Terphenyl-d14	19.93	244	2967933	126.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	141281	71.385	ng		98
3) Pyridine	3.82	79	435277m	75.204	ng		
4) n-Nitrosodimethylamine	3.73	42	163617	76.610	ng		95
6) Aniline	7.26	93	562594	74.136	ng		100
8) 2-Chlorophenol	7.51	128	361661	71.931	ng		99
9) Benzaldehyde	7.07	77	224868	59.516	ng		96
10) Phenol	7.14	94	448683	72.236	ng		97
11) bis(2-Chloroethyl)ether	7.36	93	361762	72.458	ng		99
12) 1,3-Dichlorobenzene	7.83	146	459414	71.969	ng		99
13) 1,4-Dichlorobenzene	7.97	146	457191	71.540	ng		98
14) 1,2-Dichlorobenzene	8.29	146	433013	70.665	ng		99
15) Benzyl Alcohol	8.18	79	335288	77.440	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.47	45	570512	73.668	ng		99
17) 2-Methylphenol	8.38	107	326910	74.213	ng		98
18) Hexachloroethane	9.02	117	158489	73.143	ng		96
19) n-Nitroso-di-n-propylamine	8.75	70	299914	74.349	ng		98
20) 3+4-Methylphenols	8.72	107	454089	74.684	ng		98
22) Acetophenone	8.76	105	582616	76.306	ng	#	98
24) Nitrobenzene	9.14	77	420853	77.623	ng		99
25) Isophorone	9.66	82	792257	78.742	ng		99
26) 2-Nitrophenol	9.84	139	235934	82.478	ng		97
27) 2,4-Dimethylphenol	9.91	122	312285	79.373	ng		99
28) bis(2-Chloroethoxy)methane	10.14	93	506274	78.177	ng		98
29) 2,4-Dichlorophenol	10.38	162	414184	78.969	ng		97
30) 1,2,4-Trichlorobenzene	10.60	180	478291	76.858	ng		99
31) Naphthalene	10.78	128	1154024	75.352	ng		97
32) Benzoic acid	10.11	122	281517	115.434	ng		98
33) 4-Chloroaniline	10.89	127	534868	79.201	ng		100
34) Hexachlorobutadiene	11.08	225	314964	77.966	ng		99
35) Caprolactam	11.69	113	155909m	79.533	ng		
36) 4-Chloro-3-methylphenol	12.02	107	409892	79.904	ng		95
37) 2-Methylnaphthalene	12.39	142	911547	75.468	ng		99
38) 1-Methylnaphthalene	12.61	142	866673	75.750	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	549198	75.952	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	292050	92.887	ng	97
43) 2,4,6-Trichlorophenol	13.01	196	391306	80.192	ng	99
44) 2,4,5-Trichlorophenol	13.08	196	404157	78.831	ng	99
46) 1,1'-Biphenyl	13.40	154	1138216	74.608	ng	97
47) 2-Chloronaphthalene	13.45	162	969704	74.968	ng	98
48) 2-Nitroaniline	13.65	65	290878	80.985	ng	98
49) Acenaphthylene	14.29	152	1440605	73.421	ng	97
50) Dimethylphthalate	14.03	163	1226322	72.289	ng	98
51) 2,6-Dinitrotoluene	14.14	165	290006	77.552	ng	98
52) Acenaphthene	14.63	154	912447	75.043	ng	98
53) 3-Nitroaniline	14.47	138	321564	79.386	ng	100
54) 2,4-Dinitrophenol	14.68	184	199114	100.307	ng	98
55) Dibenzofuran	14.97	168	1406129	72.061	ng	96
56) 4-Nitrophenol	14.79	139	251052	84.214	ng	98
57) 2,4-Dinitrotoluene	14.93	165	418322	78.454	ng	98
58) Fluorene	15.62	166	1162014	70.953	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.20	232	388964	78.128	ng	98
60) Diethylphthalate	15.39	149	1200408	72.576	ng	97
61) 4-Chlorophenyl-phenylether	15.61	204	668201	74.083	ng	96
62) 4-Nitroaniline	15.64	138	334740	78.319	ng	98
63) Azobenzene	15.90	77	998678	74.227	ng	96
65) 4,6-Dinitro-2-methylphenol	15.70	198	262887	88.672	ng	99
66) n-Nitrosodiphenylamine	15.83	169	1062949	75.222	ng	97
67) 4-Bromophenyl-phenylether	16.50	248	481133	78.733	ng	97
68) Hexachlorobenzene	16.63	284	516487	76.315	ng	98
69) Atrazine	16.78	200	421036	73.037	ng	98
70) Pentachlorophenol	16.97	266	314389	88.910	ng	99
71) Phenanthrene	17.35	178	1873169	70.554	ng	95
72) Anthracene	17.45	178	1844435	70.413	ng	93
73) Carbazole	17.71	167	1743535	70.498	ng	96
74) Di-n-butylphthalate	18.28	149	1964097	69.063	ng	96
75) Fluoranthene	19.36	202	2241790	65.614	ng	95
77) Benzidine	19.54	184	1020982	88.070	ng	98
78) Pyrene	19.73	202	2242436	70.585	ng	93
80) Butylbenzylphthalate	20.61	149	951418	76.777	ng	94
81) Benzo(a)anthracene	21.54	228	2216381	71.275	ng	94
82) 3,3'-Dichlorobenzidine	21.46	252	876437	75.948	ng	97
83) Chrysene	21.61	228	2128856	71.170	ng	94
84) Bis(2-ethylhexyl)phthalate	21.46	149	1228596	72.651	ng	98
85) Di-n-octyl phthalate	22.63	149	2156218	74.465	ng	98
87) Indeno(1,2,3-cd)pyrene	28.22	276	2835818	78.333	ng	99
88) Benzo(b)fluoranthene	23.69	252	2323395	73.820	ng	95
89) Benzo(k)fluoranthene	23.76	252	2275455	74.807	ng	95
90) Benzo(a)pyrene	24.53	252	2220639	75.605	ng	97
91) Dibenzo(a,h)anthracene	28.26	278	2261171	77.400	ng	99
92) Benzo(g,h,i)perylene	29.31	276	2282087	78.227	ng	97

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

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