Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072719\
Data File : BG041776.D
Acq On : 27 Jul 2019 14:29
Operator : HP/JU
Sample : SSTDICC020
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC020

Manual Integrations APPROVED
mohammad
7/29/2019 5:30:11 PM

Quant Time: Jul 29 06:33:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 05:48:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	91563	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	385801	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	276665	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	609623	20.00	ng		0.00
76) Chrysene-d12	21.74	240	614261	20.00	ng		0.00
87) Perylene-d12	25.01	264	706210	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	190367	33.99	ng		0.00
7) Phenol-d6	7.19	99	258599	34.33	ng		0.00
23) Nitrobenzene-d5	9.21	82	219347	34.58	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	119665	38.38	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	703998	39.40	ng		0.00
79) Terphenyl-d14	20.07	244	1199418	45.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	43853	16.485	ng		96
3) Pyridine	3.87	79	121485	17.108	ng		95
4) n-Nitrosodimethylamine	3.79	42	48421	14.766	ng	#	84
6) Aniline	7.36	93	183090	18.083	ng		94
8) 2-Chlorophenol	7.61	128	108112	17.050	ng		92
9) Benzaldehyde	7.17	77	93653	21.502	ng		95
10) Phenol	7.22	94	134062	16.890	ng		98
11) bis(2-Chloroethyl)ether	7.46	93	111584	17.407	ng		93
12) 1,3-Dichlorobenzene	7.93	146	144048	19.039	ng		95
13) 1,4-Dichlorobenzene	8.08	146	144982	19.135	ng		96
14) 1,2-Dichlorobenzene	8.40	146	138853	19.437	ng		95
15) Benzyl Alcohol	8.28	79	97577	16.269	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	196428	14.788	ng		99
17) 2-Methylphenol	8.48	107	97087	17.687	ng		98
18) Hexachloroethane	9.15	117	48276	17.395	ng		94
19) n-Nitroso-di-n-propylamine	8.85	70	92678	16.831	ng		90
20) 3+4-Methylphenols	8.81	107	130695	17.375	ng		98
22) Acetophenone	8.87	105	178180	18.963	ng	#	92
24) Nitrobenzene	9.25	77	116902	16.893	ng		96
25) Isophorone	9.78	82	250931	18.064	ng		99
26) 2-Nitrophenol	9.97	139	47828	15.976	ng		91
27) 2,4-Dimethylphenol	10.03	122	97296	17.702	ng		97
28) bis(2-Chloroethoxy)methane	10.27	93	157641	18.412	ng		99
29) 2,4-Dichlorophenol	10.51	162	114421	18.259	ng		96
30) 1,2,4-Trichlorobenzene	10.73	180	153058	20.802	ng		98
31) Naphthalene	10.92	128	372754	19.625	ng		98
32) Benzoic acid	10.13	122	47102m	12.202	ng		
33) 4-Chloroaniline	11.02	127	171170	19.537	ng		96
34) Hexachlorobutadiene	11.22	225	102235	21.618	ng		96
35) Caprolactam	11.77	113	38522	16.725	ng	#	80
36) 4-Chloro-3-methylphenol	12.14	107	116895	17.806	ng		92
37) 2-Methylnaphthalene	12.53	142	294756	20.312	ng		99
38) 1-Methylnaphthalene	12.75	142	281137	20.322	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	181439	19.146	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	91754	17.116	ng		98
43) 2,4,6-Trichlorophenol	13.13	196	105665	17.160	ng		99
44) 2,4,5-Trichlorophenol	13.20	196	110826	17.082	ng		94
46) 1,1'-Biphenyl	13.53	154	377931	18.233	ng		96
47) 2-Chloronaphthalene	13.58	162	317326	18.370	ng		97
48) 2-Nitroaniline	13.77	65	68828	13.685	ng		88
49) Acenaphthylene	14.42	152	489919	18.167	ng		94
50) Dimethylphthalate	14.15	163	400803	18.446	ng		98
51) 2,6-Dinitrotoluene	14.26	165	72475	15.725	ng		95
52) Acenaphthene	14.77	154	305660	17.986	ng		97
53) 3-Nitroaniline	14.59	138	80448	15.990	ng	#	88
54) 2,4-Dinitrophenol	14.80	184	31182	15.653	ng	#	89
55) Dibenzofuran	15.10	168	489319	19.188	ng		94
56) 4-Nitrophenol	14.89	139	59610	14.634	ng		95
57) 2,4-Dinitrotoluene	15.05	165	98741	16.207	ng		94
58) Fluorene	15.75	166	386559	18.629	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.33	232	111446	18.607	ng		93
60) Diethylphthalate	15.52	149	392329	17.923	ng		99
61) 4-Chlorophenyl-phenylether	15.74	204	232914	19.857	ng		94
62) 4-Nitroaniline	15.76	138	88876	16.656	ng		96
63) Azobenzene	16.04	77	319285	16.133	ng		97
65) 4,6-Dinitro-2-methylphenol	15.82	198	44937	16.735	ng		85
66) n-Nitrosodiphenylamine	15.95	169	355730	19.870	ng		97
67) 4-Bromophenyl-phenylether	16.64	248	155506	21.438	ng		97
68) Hexachlorobenzene	16.76	284	162758	22.282	ng		96
69) Atrazine	16.90	200	134669	20.729	ng		98
70) Pentachlorophenol	17.10	266	80589	17.645	ng		99
71) Phenanthrene	17.49	178	649390	21.152	ng		93
72) Anthracene	17.59	178	649869	21.236	ng		93
73) Carbazole	17.85	167	579049	20.402	ng		93
74) Di-n-butylphthalate	18.42	149	653178	18.869	ng	#	94
75) Fluoranthene	19.50	202	815659	21.637	ng		91
77) Benzidine	19.68	184	444587	21.487	ng		97
78) Pyrene	19.87	202	830148	19.982	ng	#	89
80) Butylbenzylphthalate	20.76	149	278343	16.123	ng		92
81) Benzo(a)anthracene	21.72	228	803521	20.246	ng		91
82) 3,3'-Dichlorobenzidine	21.63	252	304063	19.469	ng		98
83) Chrysene	21.78	228	776004	20.462	ng		92
84) Bis(2-ethylhexyl)phthalate	21.64	149	397462	16.306	ng		97
85) Di-n-octyl phthalate	22.88	149	658346	15.860	ng	#	90
86) Indeno(1,2,3-cd)pyrene	28.75	276	931702	18.620	ng	#	89
88) Benzo(b)fluoranthene	23.97	252	833790	19.464	ng		95
89) Benzo(k)fluoranthene	24.04	252	814185	20.512	ng	#	94
90) Benzo(a)pyrene	24.86	252	787048	19.419	ng		95
91) Dibenzo(a,h)anthracene	28.82	278	754159	19.191	ng	#	94
92) Benzo(g,h,i)perylene	29.91	276	750146	19.049	ng	#	93

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

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