Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082520\
Data File : BG046445.D
Acq On : 25 Aug 2020 12:46
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
mohammad
8/26/2020 4:00:06 PM

Quant Time: Aug 25 18:02:28 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 15:31:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	63854	20.00	ng		0.00
21) Naphthalene-d8	10.73	136	254423	20.00	ng		0.00
39) Acenaphthene-d10	14.57	164	178374	20.00	ng		0.00
64) Phenanthrene-d10	17.31	188	452419	20.00	ng		0.00
76) Chrysene-d12	21.56	240	530631	20.00	ng		0.00
86) Perylene-d12	24.66	264	511859	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	41637	11.34	ng		0.00
7) Phenol-d6	7.10	99	57921	11.57	ng		0.00
23) Nitrobenzene-d5	9.08	82	50243	10.69	ng		0.00
42) 2,4,6-Tribromophenol	16.05	330	27333	9.98	ng		0.00
45) 2-Fluorobiphenyl	13.19	172	146638	11.94	ng		0.00
79) Terphenyl-d14	19.92	244	326187	12.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	8719	5.215	ng		95
3) Pyridine	3.83	79	24244	5.268	ng		95
4) n-Nitrosodimethylamine	3.74	42	8301	4.238	ng	#	92
6) Aniline	7.26	93	32011	5.372	ng		96
8) 2-Chlorophenol	7.50	128	22496	5.541	ng		98
9) Benzaldehyde	7.07	77	18645	6.277	ng		95
10) Phenol	7.13	94	26872	5.342	ng		98
11) bis(2-Chloroethyl)ether	7.35	93	22269	5.566	ng		94
12) 1,3-Dichlorobenzene	7.83	146	28528	5.797	ng		93
13) 1,4-Dichlorobenzene	7.97	146	28656	5.799	ng		98
14) 1,2-Dichlorobenzene	8.29	146	28114	6.033	ng		99
15) Benzyl Alcohol	8.17	79	16837	4.868	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.47	45	33503	5.108	ng		98
17) 2-Methylphenol	8.38	107	19020	5.601	ng		95
18) Hexachloroethane	9.01	117	9661	5.846	ng		86
19) n-Nitroso-di-n-propylamine	8.73	70	17269	5.300	ng		97
20) 3+4-Methylphenols	8.71	107	25368	5.458	ng		93
22) Acetophenone	8.75	105	35805	5.484	ng	#	98
24) Nitrobenzene	9.13	77	25457	5.081	ng		96
25) Isophorone	9.65	82	43943	4.700	ng		96
26) 2-Nitrophenol	9.84	139	11483	5.057	ng		97
27) 2,4-Dimethylphenol	9.91	122	17159	4.645	ng		96
28) bis(2-Chloroethoxy)methane	10.14	93	28719	5.649	ng	#	93
29) 2,4-Dichlorophenol	10.39	162	23492	5.406	ng		95
30) 1,2,4-Trichlorobenzene	10.59	180	28955	5.688	ng		96
31) Naphthalene	10.78	128	72420	5.380	ng		96
32) Benzoic acid	10.01	122	6026m	2.658	ng		
33) 4-Chloroaniline	10.89	127	28748	5.226	ng		99
34) Hexachlorobutadiene	11.08	225	18833	5.557	ng		94
35) Caprolactam	11.63	113	8337	5.861	ng	#	86
36) 4-Chloro-3-methylphenol	12.02	107	21798	5.111	ng		96
37) 2-Methylnaphthalene	12.39	142	55867	5.393	ng		99
38) 1-Methylnaphthalene	12.60	142	53127	5.420	ng		93
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	35110	5.463	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	10432	2.830	ng		97
43) 2,4,6-Trichlorophenol	13.00	196	21543	5.254	ng		96
44) 2,4,5-Trichlorophenol	13.08	196	22716	5.078	ng		95
46) 1,1'-Biphenyl	13.40	154	72877	5.208	ng		98
47) 2-Chloronaphthalene	13.44	162	62499	5.599	ng		96
48) 2-Nitroaniline	13.64	65	14842	5.073	ng		95
49) Acenaphthylene	14.28	152	92474	5.335	ng		99
50) Dimethylphthalate	14.01	163	82378	6.017	ng		98
51) 2,6-Dinitrotoluene	14.13	165	16713	5.245	ng		99
52) Acenaphthene	14.62	154	57929	5.064	ng		97
53) 3-Nitroaniline	14.46	138	17096	5.412	ng	#	92
55) Dibenzofuran	14.96	168	95461	5.531	ng		99
56) 4-Nitrophenol	14.78	139	10982	4.004	ng		94
57) 2,4-Dinitrotoluene	14.92	165	22977	5.245	ng		99
58) Fluorene	15.61	166	81681	5.843	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	21564	5.117	ng		97
60) Diethylphthalate	15.38	149	80690	5.991	ng		97
61) 4-Chlorophenyl-phenylether	15.61	204	43028	5.894	ng		97
62) 4-Nitroaniline	15.62	138	18641	5.868	ng		96
63) Azobenzene	15.89	77	65120	5.159	ng		98
65) 4,6-Dinitro-2-methylphenol	15.69	198	11007	3.679	ng		96
66) n-Nitrosodiphenylamine	15.82	169	70441	5.144	ng		95
67) 4-Bromophenyl-phenylether	16.50	248	29504	5.279	ng		97
68) Hexachlorobenzene	16.62	284	34219	5.460	ng		99
69) Atrazine	16.76	200	28488	5.402	ng		97
70) Pentachlorophenol	16.97	266	12260	3.015	ng		93
71) Phenanthrene	17.35	178	140137	5.655	ng		96
72) Anthracene	17.44	178	139485	5.658	ng		96
73) Carbazole	17.71	167	129372	5.443	ng		97
74) Di-n-butylphthalate	18.27	149	150790	6.069	ng		97
75) Fluoranthene	19.36	202	188936	6.107	ng		96
77) Benzidine	19.54	184	56581	3.764	ng		97
78) Pyrene	19.72	202	198631	5.571	ng		95
80) Butylbenzylphthalate	20.61	149	71950	5.571	ng		95
81) Benzo(a)anthracene	21.53	228	199489	5.618	ng		96
82) 3,3'-Dichlorobenzidine	21.46	252	67463	4.575	ng	#	97
83) Chrysene	21.60	228	194055	5.579	ng		95
84) Bis(2-ethylhexyl)phthalate	21.46	149	104604	5.665	ng		96
85) Di-n-octyl phthalate	22.63	149	174467	5.581	ng		100
87) Indeno(1,2,3-cd)pyrene	28.17	276	209794	5.374	ng		99
88) Benzo(b)fluoranthene	23.68	252	186726	5.444	ng		99
89) Benzo(k)fluoranthene	23.74	252	188932	5.616	ng		97
90) Benzo(a)pyrene	24.51	252	175485	5.498	ng		97
91) Dibenzo(a,h)anthracene	28.22	278	169504	5.194	ng		97
92) Benzo(g,h,i)perylene	29.25	276	170018	5.159	ng		100

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

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