Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081120\
Data File : BG046219.D
Acq On : 11 Aug 2020 16:05
Operator : CG/JU
Sample : L3624-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SS-TP-1MS

Manual Integrations APPROVED
mohammad
8/12/2020 1:48:10 PM

Quant Time: Aug 11 16:56:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 30 18:43:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	78839	20.00	ng		0.00
21) Naphthalene-d8	10.75	136	316217	20.00	ng		0.00
39) Acenaphthene-d10	14.58	164	232640	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	601206	20.00	ng		0.00
76) Chrysene-d12	21.57	240	608679	20.00	ng		0.00
86) Perylene-d12	24.67	264	666091	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	366990	80.92	ng		0.00
7) Phenol-d6	7.12	99	488862	79.09	ng		0.00
23) Nitrobenzene-d5	9.10	82	318118	54.47	ng		0.00
42) 2,4,6-Tribromophenol	16.06	330	319347	89.37	ng		0.00
45) 2-Fluorobiphenyl	13.20	172	832678	51.99	ng		0.00
79) Terphenyl-d14	19.93	244	1509017	50.49	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	73158	35.440	ng		98
3) Pyridine	3.83	79	168226	29.603	ng		93
4) n-Nitrosodimethylamine	3.74	42	93672	38.731	ng		98
6) Aniline	7.27	93	227769	30.957	ng		98
8) 2-Chlorophenol	7.51	128	226765	45.238	ng		98
9) Benzaldehyde	7.09	77	145213	39.592	ng		98
10) Phenol	7.14	94	286542	46.140	ng		96
11) bis(2-Chloroethyl)ether	7.37	93	212305	42.979	ng		99
12) 1,3-Dichlorobenzene	7.84	146	255218	42.005	ng		98
13) 1,4-Dichlorobenzene	7.99	146	254829	41.768	ng		99
14) 1,2-Dichlorobenzene	8.30	146	247435	43.002	ng		99
15) Benzyl Alcohol	8.18	79	194652	45.585	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	331126	40.887	ng		98
17) 2-Methylphenol	8.39	107	199588	47.605	ng		98
18) Hexachloroethane	9.04	117	87349	42.808	ng		98
19) n-Nitroso-di-n-propylamine	8.75	70	169596	42.160	ng		99
20) 3+4-Methylphenols	8.72	107	270323	47.107	ng		98
22) Acetophenone	8.77	105	327297	40.331	ng	#	97
24) Nitrobenzene	9.14	77	240259	38.584	ng		99
25) Isophorone	9.67	82	474771	40.853	ng		99
26) 2-Nitrophenol	9.86	139	133235	47.211	ng		99
27) 2,4-Dimethylphenol	9.92	122	217005	47.263	ng		99
28) bis(2-Chloroethoxy)methane	10.15	93	291482	46.127	ng		99
29) 2,4-Dichlorophenol	10.39	162	252908	46.826	ng		99
30) 1,2,4-Trichlorobenzene	10.61	180	259337	40.988	ng		98
31) Naphthalene	10.80	128	675082	40.348	ng		100
32) Benzoic acid	10.04	122	85531	29.781	ng		96
33) 4-Chloroaniline	10.90	127	153962	22.518	ng		98
34) Hexachlorobutadiene	11.09	225	168615	40.032	ng		96
35) Caprolactam	11.67	113	104443m	59.080	ng		
36) 4-Chloro-3-methylphenol	12.03	107	261183	49.277	ng		97
37) 2-Methylnaphthalene	12.40	142	543646	42.227	ng		99
38) 1-Methylnaphthalene	12.62	142	516394	42.387	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.77	216	315942	37.693	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	431197	89.685	ng		99
43) 2,4,6-Trichlorophenol	13.01	196	239825	44.846	ng		97
44) 2,4,5-Trichlorophenol	13.08	196	264243	45.287	ng		96
46) 1,1'-Biphenyl	13.41	154	718747	39.384	ng		98
47) 2-Chloronaphthalene	13.45	162	561142	38.547	ng		99
48) 2-Nitroaniline	13.65	65	169923	44.532	ng		97
49) Acenaphthylene	14.30	152	913795	40.425	ng		99
50) Dimethylphthalate	14.03	163	844588	47.301	ng		99
51) 2,6-Dinitrotoluene	14.14	165	178514	42.958	ng		93
52) Acenaphthene	14.64	154	612944	41.085	ng		97
53) 3-Nitroaniline	14.47	138	115076	27.933	ng		99
54) 2,4-Dinitrophenol	14.68	184	124261	50.095	ng		96
55) Dibenzofuran	14.98	168	901608	40.051	ng		99
56) 4-Nitrophenol	14.79	139	345251	96.526	ng		98
57) 2,4-Dinitrotoluene	14.94	165	264048	46.215	ng		92
58) Fluorene	15.62	166	761491	41.770	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	283651	51.610	ng		98
60) Diethylphthalate	15.40	149	803321	45.735	ng		99
61) 4-Chlorophenyl-phenylether	15.62	204	416506	43.743	ng		96
62) 4-Nitroaniline	15.64	138	202820	48.951	ng		99
63) Azobenzene	15.91	77	679271	41.264	ng		97
65) 4,6-Dinitro-2-methylphenol	15.70	198	142287	35.786	ng		91
66) n-Nitrosodiphenylamine	15.83	169	717137	39.406	ng		98
67) 4-Bromophenyl-phenylether	16.51	248	308314	41.510	ng		98
68) Hexachlorobenzene	16.63	284	339545	40.769	ng		97
69) Atrazine	16.78	200	281855	40.221	ng		100
70) Pentachlorophenol	16.97	266	448632	83.021	ng		100
71) Phenanthrene	17.36	178	1303578	39.583	ng		100
72) Anthracene	17.45	178	1346523	41.106	ng		99
73) Carbazole	17.71	167	1258085	39.829	ng		99
74) Di-n-butylphthalate	18.29	149	1449015	43.887	ng		99
75) Fluoranthene	19.37	202	1637670	39.831	ng		100
77) Benzidine	19.54	184	855127	49.598	ng		99
78) Pyrene	19.73	202	1629019	39.832	ng		99
80) Butylbenzylphthalate	20.62	149	665326	44.909	ng		99
81) Benzo(a)anthracene	21.55	228	1628993	39.992	ng		99
82) 3,3'-Dichlorobenzidine	21.46	252	436505	25.806	ng		98
83) Chrysene	21.61	228	1547600	38.785	ng		98
84) Bis(2-ethylhexyl)phthalate	21.48	149	928091	43.818	ng		99
85) Di-n-octyl phthalate	22.65	149	1605242	44.762	ng		99
87) Indeno(1,2,3-cd)pyrene	28.18	276	2124196	41.815	ng	#	96
88) Benzo(b)fluoranthene	23.69	252	1787282	40.041	ng		99
89) Benzo(k)fluoranthene	23.76	252	1719493	39.275	ng		99
90) Benzo(a)pyrene	24.53	252	1650047	39.727	ng		99
91) Dibenzo(a,h)anthracene	28.26	278	1734267	40.838	ng		98
92) Benzo(g,h,i)perylene	29.30	276	1779522	41.492	ng		99

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

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