Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
Data File : BG046140.D
Acq On : 1 Aug 2020 2:14
Operator : CG/JU
Sample : L3507-07MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-01-073020MS

Manual Integrations APPROVED
mohammad
8/3/2020 12:22:29 PM

Quant Time: Aug 01 04:53:10 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	87963	20.00	ng		0.00
21) Naphthalene-d8	10.75	136	346842	20.00	ng		0.00
39) Acenaphthene-d10	14.58	164	226634	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	560453	20.00	ng		0.00
76) Chrysene-d12	21.57	240	584141	20.00	ng		0.00
86) Perylene-d12	24.68	264	625610	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	560624	110.79	ng		0.00
7) Phenol-d6	7.12	99	680009	98.61	ng		0.00
23) Nitrobenzene-d5	9.11	82	521149	81.35	ng		0.00
42) 2,4,6-Tribromophenol	16.07	330	414612	119.11	ng		0.00
45) 2-Fluorobiphenyl	13.21	172	1163230	74.56	ng		0.00
79) Terphenyl-d14	19.93	244	2041460	71.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	82236	35.706	ng	#	31
3) Pyridine	3.85	79	150219	23.693	ng		98
4) n-Nitrosodimethylamine	3.75	42	117228	43.443	ng		93
6) Aniline	7.28	93	213958	26.064	ng		97
8) 2-Chlorophenol	7.52	128	258509	46.222	ng		97
9) Benzaldehyde	7.09	77	167162	40.849	ng		93
10) Phenol	7.15	94	287997	41.564	ng		99
11) bis(2-Chloroethyl)ether	7.37	93	254632	46.201	ng		99
12) 1,3-Dichlorobenzene	7.84	146	281789	41.568	ng		98
13) 1,4-Dichlorobenzene	7.99	146	282973	41.570	ng		99
14) 1,2-Dichlorobenzene	8.31	146	273255	42.563	ng		98
15) Benzyl Alcohol	8.19	79	237689	49.890	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.48	45	438025	48.477	ng		99
17) 2-Methylphenol	8.40	107	226978	48.523	ng		99
18) Hexachloroethane	9.04	117	100172	44.000	ng		98
19) n-Nitroso-di-n-propylamine	8.76	70	209431	46.663	ng		96
20) 3+4-Methylphenols	8.72	107	304865	47.615	ng		99
22) Acetophenone	8.77	105	394134	44.279	ng	#	99
24) Nitrobenzene	9.15	77	297002	43.485	ng		97
25) Isophorone	9.68	82	564150	44.258	ng		100
26) 2-Nitrophenol	9.86	139	148551	47.990	ng		94
27) 2,4-Dimethylphenol	9.93	122	248238	49.291	ng		99
28) bis(2-Chloroethoxy)methane	10.16	93	340605	49.142	ng		99
29) 2,4-Dichlorophenol	10.40	162	271481	45.826	ng		97
30) 1,2,4-Trichlorobenzene	10.62	180	287970	41.494	ng		99
31) Naphthalene	10.80	128	789838	43.038	ng		99
32) Benzoic acid	10.07	122	140857	39.996	ng		94
33) 4-Chloroaniline	10.90	127	64780	8.638	ng		98
34) Hexachlorobutadiene	11.10	225	184624	39.963	ng		97
35) Caprolactam	11.67	113	83552m	43.090	ng		
36) 4-Chloro-3-methylphenol	12.03	107	282007	48.508	ng		99
37) 2-Methylnaphthalene	12.41	142	607199	42.999	ng		97
38) 1-Methylnaphthalene	12.63	142	583491	43.665	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	340281	41.672	ng	#	98

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Sample : L3507-07MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	448468	95.750	ng		97
43) 2,4,6-Trichlorophenol	13.01	196	242822	46.610	ng		96
44) 2,4,5-Trichlorophenol	13.08	196	265452	46.699	ng		97
46) 1,1'-Biphenyl	13.41	154	787694	44.306	ng		98
47) 2-Chloronaphthalene	13.45	162	613757	43.279	ng		98
48) 2-Nitroaniline	13.65	65	194679	52.372	ng		98
49) Acenaphthylene	14.30	152	996218	45.239	ng		99
50) Dimethylphthalate	14.04	163	827578	47.577	ng		100
51) 2,6-Dinitrotoluene	14.15	165	189570	46.828	ng		97
52) Acenaphthene	14.65	154	719641m	49.516	ng		
53) 3-Nitroaniline	14.48	138	118159	29.441	ng		99
54) 2,4-Dinitrophenol	14.68	184	223421	86.482	ng		89
55) Dibenzofuran	14.98	168	956551	43.618	ng		98
56) 4-Nitrophenol	14.79	139	325614	93.448	ng		93
57) 2,4-Dinitrotoluene	14.93	165	269811	48.475	ng		98
58) Fluorene	15.63	166	789999	44.482	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	262294	48.989	ng		99
60) Diethylphthalate	15.40	149	837089	48.920	ng		99
61) 4-Chlorophenyl-phenylether	15.62	204	422665	45.566	ng		98
62) 4-Nitroaniline	15.64	138	193517	47.943	ng		93
63) Azobenzene	15.92	77	754772	47.066	ng		99
65) 4,6-Dinitro-2-methylphenol	15.70	198	170314	45.949	ng		98
66) n-Nitrosodiphenylamine	15.83	169	738412	43.526	ng		99
67) 4-Bromophenyl-phenylether	16.52	248	303305	43.805	ng		100
68) Hexachlorobenzene	16.64	284	330867	42.616	ng		99
69) Atrazine	16.79	200	273138	41.811	ng		99
70) Pentachlorophenol	16.97	266	471407	93.578	ng		99
71) Phenanthrene	17.37	178	1334742	43.476	ng		99
72) Anthracene	17.46	178	1367894	44.794	ng		98
73) Carbazole	17.72	167	1308644	44.442	ng		99
74) Di-n-butylphthalate	18.30	149	1489185	48.383	ng		98
75) Fluoranthene	19.37	202	1714800	44.740	ng		98
77) Benzidine	19.55	184	173520	10.487	ng		99
78) Pyrene	19.73	202	1719540	43.811	ng		98
80) Butylbenzylphthalate	20.63	149	716084	50.366	ng		100
81) Benzo(a)anthracene	21.55	228	1716078	43.899	ng		98
82) 3,3'-Dichlorobenzidine	21.47	252	472397	29.101	ng		97
83) Chrysene	21.62	228	1627744	42.507	ng		98
84) Bis(2-ethylhexyl)phthalate	21.48	149	989268	48.669	ng		99
85) Di-n-octyl phthalate	22.66	149	1699726	49.387	ng		98
87) Indeno(1,2,3-cd)pyrene	28.20	276	2206839	46.253	ng	#	94
88) Benzo(b)fluoranthene	23.70	252	1847018	44.057	ng		99
89) Benzo(k)fluoranthene	23.77	252	1793304	43.611	ng		99
90) Benzo(a)pyrene	24.54	252	1708253	43.789	ng		99
91) Dibenzo(a,h)anthracene	28.27	278	1795460	45.015	ng		100
92) Benzo(g,h,i)perylene	29.31	276	1851082	45.953	ng		99

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

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