Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071420\
Data File : BG046036.D
Acq On : 14 Jul 2020 17:07
Operator : CG/JU
Sample : L3283-03MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TPMS

Manual Integrations APPROVED
mohammad
7/15/2020 11:01:31 AM

Quant Time: Jul 14 17:47:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 10:58:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	118569	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	473474	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	283139	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	630213	20.00	ng		0.00
76) Chrysene-d12	21.63	240	581763	20.00	ng		0.00
86) Perylene-d12	24.78	264	602717	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	755594	103.34	ng		0.00
7) Phenol-d6	7.17	99	1030409	97.89	ng		0.00
23) Nitrobenzene-d5	9.16	82	636096	77.33	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	276060	105.05	ng		0.00
45) 2-Fluorobiphenyl	13.25	172	1158501	63.82	ng		0.00
79) Terphenyl-d14	19.98	244	1631589	62.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	146137	43.322	ng		98
3) Pyridine	3.89	79	408283	40.029	ng		99
4) n-Nitrosodimethylamine	3.80	42	165557	48.002	ng	#	97
6) Aniline	7.32	93	329730	24.486	ng		97
8) 2-Chlorophenol	7.57	128	363991	46.246	ng		96
9) Benzaldehyde	7.14	77	130993	19.641	ng		99
10) Phenol	7.20	94	497700	47.133	ng		98
11) bis(2-Chloroethyl)ether	7.42	93	372691	42.682	ng		98
12) 1,3-Dichlorobenzene	7.89	146	387436	42.706	ng		99
13) 1,4-Dichlorobenzene	8.04	146	389031	43.592	ng		99
14) 1,2-Dichlorobenzene	8.36	146	371782	43.285	ng		97
15) Benzyl Alcohol	8.24	79	354326	42.929	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	486457	42.700	ng		98
17) 2-Methylphenol	8.45	107	332704	41.991	ng		97
18) Hexachloroethane	9.09	117	146021	42.524	ng		95
19) n-Nitroso-di-n-propylamine	8.80	70	312799	42.299	ng		97
20) 3+4-Methylphenols	8.77	107	447244	41.417	ng		98
22) Acetophenone	8.82	105	524110	41.435	ng	#	97
24) Nitrobenzene	9.20	77	443289	48.824	ng		99
25) Isophorone	9.73	82	805984	40.135	ng		99
26) 2-Nitrophenol	9.91	139	175347	59.252	ng		96
27) 2,4-Dimethylphenol	9.97	122	321778	45.017	ng		98
28) bis(2-Chloroethoxy)methane	10.21	93	479534	42.524	ng		98
29) 2,4-Dichlorophenol	10.45	162	322754	43.618	ng		98
30) 1,2,4-Trichlorobenzene	10.67	180	335487	40.919	ng		99
31) Naphthalene	10.85	128	1056362	41.618	ng		99
32) Benzoic acid	10.12	122	223129	50.690	ng		97
33) 4-Chloroaniline	10.95	127	161284	14.220	ng		98
34) Hexachlorobutadiene	11.15	225	184620	38.566	ng		100
35) Caprolactam	11.72	113	129276m	46.016	ng		
36) 4-Chloro-3-methylphenol	12.08	107	381176	45.229	ng		99
37) 2-Methylnaphthalene	12.46	142	753941	41.786	ng		99
38) 1-Methylnaphthalene	12.68	142	724763	42.563	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	320749	40.187	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	404785	85.471	ng		98
43) 2,4,6-Trichlorophenol	13.06	196	244915	45.372	ng		99
44) 2,4,5-Trichlorophenol	13.13	196	265201	43.453	ng		97
46) 1,1'-Biphenyl	13.46	154	914251	42.924	ng		99
47) 2-Chloronaphthalene	13.50	162	699427	41.619	ng		99
48) 2-Nitroaniline	13.70	65	259958	54.674	ng		98
49) Acenaphthylene	14.35	152	1144539	42.212	ng		100
50) Dimethylphthalate	14.09	163	1057036	49.746	ng		100
51) 2,6-Dinitrotoluene	14.19	165	202710	52.969	ng		94
52) Acenaphthene	14.69	154	801785	46.881	ng		98
53) 3-Nitroaniline	14.52	138	127146	28.553	ng	#	91
54) 2,4-Dinitrophenol	14.73	184	173718	118.962	ng		87
55) Dibenzofuran	15.02	168	1059872	42.276	ng		99
56) 4-Nitrophenol	14.84	139	414868	119.839	ng		98
57) 2,4-Dinitrotoluene	14.98	165	277363	56.135	ng		98
58) Fluorene	15.67	166	877420	42.663	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.25	232	232594m	49.360	ng		
60) Diethylphthalate	15.45	149	935710	41.990	ng		99
61) 4-Chlorophenyl-phenylether	15.67	204	409948	40.067	ng		98
62) 4-Nitroaniline	15.68	138	241402	54.967	ng		92
63) Azobenzene	15.96	77	1059234	44.287	ng		99
65) 4,6-Dinitro-2-methylphenol	15.74	198	131266	58.726	ng		96
66) n-Nitrosodiphenylamine	15.88	169	801371	41.035	ng		99
67) 4-Bromophenyl-phenylether	16.56	248	270898	38.488	ng		100
68) Hexachlorobenzene	16.68	284	280449	39.706	ng		99
69) Atrazine	16.83	200	274803	47.593	ng		97
70) Pentachlorophenol	17.02	266	367190	93.504	ng		100
71) Phenanthrene	17.41	178	1391589	41.767	ng		99
72) Anthracene	17.50	178	1442761	42.670	ng		99
73) Carbazole	17.77	167	1441588	42.536	ng		99
74) Di-n-butylphthalate	18.34	149	1707565	41.694	ng		99
75) Fluoranthene	19.42	202	1694347	43.991	ng		100
77) Benzidine	19.59	184	679753	40.865	ng		99
78) Pyrene	19.78	202	1704755	42.929	ng		99
80) Butylbenzylphthalate	20.68	149	837248	44.615	ng		98
81) Benzo(a)anthracene	21.60	228	1572248	41.101	ng		100
82) 3,3'-Dichlorobenzidine	21.52	252	342483	24.229	ng		99
83) Chrysene	21.67	228	1536529	42.163	ng		98
84) Bis(2-ethylhexyl)phthalate	21.54	149	1172697	43.050	ng		99
85) Di-n-octyl phthalate	22.74	149	1990604	42.110	ng		100
87) Indeno(1,2,3-cd)pyrene	28.36	276	1942183	44.047	ng		99
88) Benzo(b)fluoranthene	23.78	252	1689298	44.152	ng		98
89) Benzo(k)fluoranthene	23.85	252	1595261	44.095	ng		99
90) Benzo(a)pyrene	24.64	252	1558865	43.328	ng		99
91) Dibenzo(a,h)anthracene	28.43	278	1564459	43.990	ng		98
92) Benzo(g,h,i)perylene	29.48	276	1583120	44.235	ng		99

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

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