Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060420\
Data File : BG045609.D
Acq On : 4 Jun 2020 17:38
Operator : CG/JU
Sample : L2871-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WARREN-TPMS

Manual Integrations APPROVED
mohammad
6/5/2020 10:30:04 AM

Quant Time: Jun 04 19:11:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	64828	20.00	ng		0.00
21) Naphthalene-d8	10.76	136	244335	20.00	ng		0.00
39) Acenaphthene-d10	14.60	164	170592	20.00	ng		0.00
64) Phenanthrene-d10	17.35	188	393722	20.00	ng		0.00
76) Chrysene-d12	21.60	240	368338	20.00	ng		0.00
87) Perylene-d12	24.75	264	410629	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	399035	120.29	ng		0.00
7) Phenol-d6	7.15	99	566231	119.93	ng		0.00
23) Nitrobenzene-d5	9.12	82	356242	79.51	ng		0.00
42) 2,4,6-Tribromophenol	16.09	330	260192	119.26	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	809798	80.52	ng		0.00
79) Terphenyl-d14	19.96	244	1367040	86.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	70673	42.963	ng		97
3) Pyridine	3.81	79	162372	35.442	ng		98
4) n-Nitrosodimethylamine	3.72	42	75607	50.433	ng		86
6) Aniline	7.28	93	193213	31.349	ng		98
8) 2-Chlorophenol	7.52	128	184532	50.727	ng		97
9) Benzaldehyde	7.08	77	115734	37.624	ng		94
10) Phenol	7.18	94	247237	50.809	ng		97
11) bis(2-Chloroethyl)ether	7.37	93	168724	44.454	ng		98
12) 1,3-Dichlorobenzene	7.84	146	203553	46.563	ng		97
13) 1,4-Dichlorobenzene	7.99	146	203772	47.234	ng		97
14) 1,2-Dichlorobenzene	8.30	146	189776	45.737	ng		96
15) Benzyl Alcohol	8.20	79	188888	48.429	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.48	45	158815	44.081	ng		97
17) 2-Methylphenol	8.42	107	163037	44.764	ng		96
18) Hexachloroethane	9.03	117	76840	46.505	ng		90
19) n-Nitroso-di-n-propylamine	8.76	70	150835	46.199	ng		98
20) 3+4-Methylphenols	8.75	107	217996	43.953	ng	#	90
22) Acetophenone	8.77	105	276412	47.731	ng	#	98
24) Nitrobenzene	9.16	77	232342	48.399	ng		97
25) Isophorone	9.68	82	409506	46.408	ng		98
26) 2-Nitrophenol	9.87	139	103504	50.402	ng		93
27) 2,4-Dimethylphenol	9.94	122	169451	55.634	ng		94
28) bis(2-Chloroethoxy)methane	10.16	93	229812	49.661	ng		99
29) 2,4-Dichlorophenol	10.42	162	186854	51.951	ng		98
30) 1,2,4-Trichlorobenzene	10.63	180	205837	48.432	ng		94
31) Naphthalene	10.81	128	555254	48.767	ng		100
32) Benzoic acid	10.11	122	84120	42.152	ng		91
33) 4-Chloroaniline	10.92	127	115958	24.364	ng		95
34) Hexachlorobutadiene	11.10	225	144864	48.220	ng		97
35) Caprolactam	11.69	113	64914m	49.171	ng		
36) 4-Chloro-3-methylphenol	12.07	107	210930	52.044	ng		97
37) 2-Methylnaphthalene	12.42	142	417107	49.151	ng		98
38) 1-Methylnaphthalene	12.63	142	395138	49.291	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	240047	50.378	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	281487	102.351	ng		99
43) 2,4,6-Trichlorophenol	13.04	196	162767	49.174	ng		98
44) 2,4,5-Trichlorophenol	13.12	196	174462	46.124	ng		98
46) 1,1'-Biphenyl	13.43	154	524799	50.066	ng		99
47) 2-Chloronaphthalene	13.47	162	403241	47.374	ng		99
48) 2-Nitroaniline	13.67	65	129858	46.379	ng		92
49) Acenaphthylene	14.31	152	669096	48.938	ng		99
50) Dimethylphthalate	14.05	163	675811	57.749	ng		97
51) 2,6-Dinitrotoluene	14.17	165	121799	46.124	ng		97
52) Acenaphthene	14.66	154	476458m	52.061	ng		
53) 3-Nitroaniline	14.50	138	73850	27.511	ng		97
54) 2,4-Dinitrophenol	14.71	184	124017	72.261	ng		95
55) Dibenzofuran	15.00	168	644391	47.414	ng		97
56) 4-Nitrophenol	14.85	139	188878	92.937	ng		91
57) 2,4-Dinitrotoluene	14.96	165	173008	45.238	ng		98
58) Fluorene	15.65	166	525011	47.021	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.23	232	167549	50.349	ng		96
60) Diethylphthalate	15.42	149	543836	44.649	ng		99
61) 4-Chlorophenyl-phenylether	15.64	204	293715	45.970	ng		99
62) 4-Nitroaniline	15.67	138	122644	43.764	ng		95
63) Azobenzene	15.93	77	531623	46.808	ng		98
65) 4,6-Dinitro-2-methylphenol	15.73	198	110468	48.176	ng		95
66) n-Nitrosodiphenylamine	15.85	169	464558	49.143	ng		96
67) 4-Bromophenyl-phenylether	16.54	248	201517	47.267	ng		97
68) Hexachlorobenzene	16.66	284	220377	49.422	ng		98
69) Atrazine	16.81	200	179311	46.052	ng		99
70) Pentachlorophenol	17.00	266	236400	102.101	ng		97
71) Phenanthrene	17.39	178	834413	48.546	ng		99
72) Anthracene	17.48	178	867138	50.237	ng		98
73) Carbazole	17.75	167	791869	47.064	ng		100
74) Di-n-butylphthalate	18.31	149	944666	46.778	ng		99
75) Fluoranthene	19.40	202	1044174	47.761	ng		99
77) Benzidine	19.58	184	440309	42.563	ng		99
78) Pyrene	19.76	202	1036783	49.378	ng		99
80) Butylbenzylphthalate	20.65	149	427804	47.204	ng		97
81) Benzo(a)anthracene	21.59	228	1022078	49.812	ng		99
82) 3,3'-Dichlorobenzidine	21.50	252	245358	30.484	ng		98
83) Chrysene	21.65	228	973935	49.364	ng		99
84) Bis(2-ethylhexyl)phthalate	21.50	149	603140	48.413	ng		99
85) Di-n-octyl phthalate	22.69	149	1007434	47.083	ng		100
86) Indeno(1,2,3-cd)pyrene	28.32	276	1275118	49.423	ng	#	96
88) Benzo(b)fluoranthene	23.76	252	1078136	48.956	ng		97
89) Benzo(k)fluoranthene	23.82	252	1038602	50.199	ng		97
90) Benzo(a)pyrene	24.61	252	996069	48.565	ng		98
91) Dibenzo(a,h)anthracene	28.38	278	1044148	50.660	ng		98
92) Benzo(g,h,i)perylene	29.45	276	1064019	51.618	ng		98

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

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