Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052820\
Data File : BG045503.D
Acq On : 28 May 2020 18:56
Operator : CG/JU
Sample : L2771-15MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAMP-A-INFIELD-2MSD

Manual Integrations APPROVED
mohammad
5/29/2020 10:27:04 PM

Quant Time: May 28 19:32:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 13:15:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	70798	20.00	ng		0.00
21) Naphthalene-d8	10.77	136	288366	20.00	ng		0.00
39) Acenaphthene-d10	14.60	164	205840	20.00	ng		0.00
64) Phenanthrene-d10	17.35	188	460403	20.00	ng		0.00
76) Chrysene-d12	21.61	240	402076	20.00	ng		0.00
87) Perylene-d12	24.76	264	443864	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	422550	116.64	ng		0.00
7) Phenol-d6	7.17	99	622893	120.81	ng		0.00
23) Nitrobenzene-d5	9.12	82	404990	76.59	ng		0.00
42) 2,4,6-Tribromophenol	16.10	330	303690	115.36	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	953336	78.56	ng		0.00
79) Terphenyl-d14	19.97	244	1452684	84.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	65288	36.343	ng		93
3) Pyridine	3.80	79	154821	30.944	ng		97
4) n-Nitrosodimethylamine	3.72	42	72448	44.251	ng	#	93
6) Aniline	7.28	93	240625	35.749	ng		98
8) 2-Chlorophenol	7.54	128	206810	52.057	ng		99
9) Benzaldehyde	7.09	77	134516	40.042	ng		94
10) Phenol	7.19	94	275067	51.761	ng		99
11) bis(2-Chloroethyl)ether	7.38	93	187035	45.123	ng		97
12) 1,3-Dichlorobenzene	7.85	146	220428	46.172	ng		98
13) 1,4-Dichlorobenzene	7.99	146	222686	47.266	ng		96
14) 1,2-Dichlorobenzene	8.31	146	211691	46.716	ng		94
15) Benzyl Alcohol	8.20	79	209868	49.271	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.49	45	171462	43.578	ng		98
17) 2-Methylphenol	8.43	107	189659	47.682	ng		96
18) Hexachloroethane	9.04	117	85742	47.517	ng		91
19) n-Nitroso-di-n-propylamine	8.76	70	170851	47.917	ng		99
20) 3+4-Methylphenols	8.77	107	254136	46.919	ng	#	70
22) Acetophenone	8.78	105	317497	46.454	ng	#	96
24) Nitrobenzene	9.16	77	256928	45.349	ng		98
25) Isophorone	9.69	82	476383	45.744	ng		98
26) 2-Nitrophenol	9.87	139	120641	49.777	ng		92
27) 2,4-Dimethylphenol	9.96	122	201329	56.008	ng		96
28) bis(2-Chloroethoxy)methane	10.17	93	262462	48.056	ng		98
29) 2,4-Dichlorophenol	10.44	162	221963	52.290	ng		96
30) 1,2,4-Trichlorobenzene	10.63	180	244078	48.661	ng		97
31) Naphthalene	10.82	128	650733	48.426	ng		100
32) Benzoic acid	10.14	122	127794	51.380	ng		93
33) 4-Chloroaniline	10.93	127	128802	22.931	ng		96
34) Hexachlorobutadiene	11.11	225	165936	46.801	ng		95
35) Caprolactam	11.69	113	75066m	48.179	ng		
36) 4-Chloro-3-methylphenol	12.09	107	246683	51.572	ng		98
37) 2-Methylnaphthalene	12.42	142	495961	49.519	ng		98
38) 1-Methylnaphthalene	12.65	142	471402	49.826	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	287740	50.047	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	275241	82.942 ng		97
43) 2,4,6-Trichlorophenol	13.05	196	197758	49.515 ng		97
44) 2,4,5-Trichlorophenol	13.13	196	209453	45.892 ng		98
46) 1,1'-Biphenyl	13.43	154	642014	50.760 ng		99
47) 2-Chloronaphthalene	13.47	162	484822	47.205 ng		99
48) 2-Nitroaniline	13.69	65	152535	45.149 ng		93
49) Acenaphthylene	14.33	152	807370	48.940 ng		99
50) Dimethylphthalate	14.06	163	777464	55.059 ng		99
51) 2,6-Dinitrotoluene	14.17	165	145184	45.565 ng		99
52) Acenaphthene	14.67	154	586377m	53.100 ng		
53) 3-Nitroaniline	14.51	138	93688	28.925 ng		95
54) 2,4-Dinitrophenol	14.72	184	169396	81.079 ng		96
55) Dibenzofuran	15.00	168	776665	47.361 ng		97
56) 4-Nitrophenol	14.87	139	224474	91.538 ng		93
57) 2,4-Dinitrotoluene	14.97	165	209709	45.445 ng		98
58) Fluorene	15.65	166	626947	46.535 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.24	232	189026	47.076 ng		99
60) Diethylphthalate	15.42	149	656443	44.665 ng		99
61) 4-Chlorophenyl-phenylether	15.64	204	352959	45.783 ng		99
62) 4-Nitroaniline	15.68	138	137040	40.528 ng		97
63) Azobenzene	15.94	77	631088	46.051 ng		99
65) 4,6-Dinitro-2-methylphenol	15.74	198	127639	47.602 ng		97
66) n-Nitrosodiphenylamine	15.86	169	565362	51.144 ng		96
67) 4-Bromophenyl-phenylether	16.54	248	243538	48.850 ng		95
68) Hexachlorobenzene	16.66	284	260781	50.012 ng		98
69) Atrazine	16.81	200	207699	45.617 ng		98
70) Pentachlorophenol	17.02	266	271937	100.439 ng		97
71) Phenanthrene	17.39	178	997065	49.607 ng		99
72) Anthracene	17.49	178	1004142	49.749 ng		98
73) Carbazole	17.76	167	891490	45.311 ng		99
74) Di-n-butylphthalate	18.31	149	1073276	45.450 ng		99
75) Fluoranthene	19.40	202	1178171	46.085 ng		99
77) Benzidine	19.58	184	624275	55.282 ng		99
78) Pyrene	19.76	202	1168657	50.989 ng		99
80) Butylbenzylphthalate	20.65	149	457223	46.217 ng		100
81) Benzo(a)anthracene	21.59	228	1094407	48.861 ng		99
82) 3,3'-Dichlorobenzidine	21.50	252	313504	35.682 ng		100
83) Chrysene	21.66	228	1049774	48.743 ng		99
84) Bis(2-ethylhexyl)phthalate	21.50	149	639155	46.999 ng		98
85) Di-n-octyl phthalate	22.69	149	1070230	45.821 ng		99
86) Indeno(1,2,3-cd)pyrene	28.34	276	1372996	48.751 ng	#	96
88) Benzo(b)fluoranthene	23.77	252	1158406	48.662 ng		99
89) Benzo(k)fluoranthene	23.83	252	1114728	49.844 ng		98
90) Benzo(a)pyrene	24.61	252	1054873	47.581 ng		98
91) Dibenzo(a,h)anthracene	28.40	278	1121405	50.335 ng		99
92) Benzo(g,h,i)perylene	29.45	276	1145525	51.411 ng		98

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

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