Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\
Data File : BG045352.D
Acq On : 13 May 2020 7:43
Operator : CG/JU
Sample : L2575-02MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-28MS

Manual Integrations APPROVED
mohammad
5/14/2020 11:54:06 AM

Quant Time: May 13 08:27:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 12 15:48:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	59025	20.00	ng		0.00
21) Naphthalene-d8	10.78	136	242943	20.00	ng		0.00
39) Acenaphthene-d10	14.61	164	177902	20.00	ng		0.00
64) Phenanthrene-d10	17.36	188	440546	20.00	ng		0.00
76) Chrysene-d12	21.63	240	420514	20.00	ng		0.00
87) Perylene-d12	24.78	264	473786	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	382472	106.98	ng		0.00
7) Phenol-d6	7.14	99	549692	103.48	ng		0.00
23) Nitrobenzene-d5	9.13	82	346222	65.03	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	281667	102.49	ng		0.00
45) 2-Fluorobiphenyl	13.24	172	824690	67.97	ng		0.00
79) Terphenyl-d14	19.98	244	1529498	79.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	53110	33.426	ng		91
3) Pyridine	3.82	79	125759	25.706	ng		98
4) n-Nitrosodimethylamine	3.73	42	57774	38.551	ng	#	94
6) Aniline	7.29	93	103763	15.024	ng		99
8) 2-Chlorophenol	7.54	128	162453	42.279	ng		96
9) Benzaldehyde	7.11	77	123271	41.679	ng		97
10) Phenol	7.17	94	221156	41.606	ng		97
11) bis(2-Chloroethyl)ether	7.39	93	148299	35.041	ng		95
12) 1,3-Dichlorobenzene	7.86	146	166750	36.828	ng		98
13) 1,4-Dichlorobenzene	8.01	146	173145	38.377	ng		97
14) 1,2-Dichlorobenzene	8.33	146	159782	37.019	ng		95
15) Benzyl Alcohol	8.21	79	165362	37.130	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.50	45	136825	32.936	ng		95
17) 2-Methylphenol	8.42	107	148479	36.204	ng		96
18) Hexachloroethane	9.06	117	63703	37.559	ng		97
19) n-Nitroso-di-n-propylamine	8.77	70	133128	35.439	ng		98
20) 3+4-Methylphenols	8.75	107	203439	35.440	ng		96
22) Acetophenone	8.79	105	249769	38.018	ng		98
24) Nitrobenzene	9.17	77	205489	37.651	ng		95
25) Isophorone	9.70	82	375215	34.412	ng		97
26) 2-Nitrophenol	9.89	139	91084	38.745	ng		96
27) 2,4-Dimethylphenol	9.96	122	150599	40.374	ng		93
28) bis(2-Chloroethoxy)methane	10.18	93	211093	36.847	ng		100
29) 2,4-Dichlorophenol	10.43	162	172300	40.003	ng		97
30) 1,2,4-Trichlorobenzene	10.64	180	182349	37.393	ng		99
31) Naphthalene	10.83	128	500170	37.635	ng		99
32) Benzoic acid	10.10	122	90422	32.396	ng		98
33) 4-Chloroaniline	10.94	127	48486	7.823	ng	#	92
34) Hexachlorobutadiene	11.12	225	121499	36.339	ng		98
35) Caprolactam	11.69	113	64420m	37.580	ng		
36) 4-Chloro-3-methylphenol	12.07	107	201789	39.881	ng		97
37) 2-Methylnaphthalene	12.44	142	380663	36.902	ng		98
38) 1-Methylnaphthalene	12.66	142	361713	37.143	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.81	216	211722	36.963	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	263168	73.509 ng	95
43) 2,4,6-Trichlorophenol	13.05	196	154942	38.327 ng	95
44) 2,4,5-Trichlorophenol	13.13	196	165140	35.888 ng	97
46) 1,1'-Biphenyl	13.45	154	493751	36.515 ng	99
47) 2-Chloronaphthalene	13.49	162	381904	36.963 ng	99
48) 2-Nitroaniline	13.69	65	127660	37.553 ng	98
49) Acenaphthylene	14.34	152	653539	38.833 ng	99
50) Dimethylphthalate	14.07	163	663624	45.813 ng	99
51) 2,6-Dinitrotoluene	14.19	165	123224	38.032 ng	98
52) Acenaphthene	14.68	154	482894m	42.409 ng	
53) 3-Nitroaniline	14.51	138	41676	11.728 ng	99
54) 2,4-Dinitrophenol	14.73	184	152191	78.994 ng	92
55) Dibenzofuran	15.01	168	623891	37.582 ng	96
56) 4-Nitrophenol	14.84	139	211145	76.633 ng	98
57) 2,4-Dinitrotoluene	14.98	165	177342	37.454 ng	93
58) Fluorene	15.67	166	519507	38.312 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.25	232	163051	39.823 ng	97
60) Diethylphthalate	15.44	149	559835	37.069 ng	99
61) 4-Chlorophenyl-phenylether	15.66	204	289054	37.035 ng	99
62) 4-Nitroaniline	15.68	138	119223	32.347 ng	97
63) Azobenzene	15.95	77	530891	38.127 ng	99
65) 4,6-Dinitro-2-methylphenol	15.74	198	117072	40.429 ng	96
66) n-Nitrosodiphenylamine	15.87	169	475718	37.583 ng	99
67) 4-Bromophenyl-phenylether	16.55	248	199970	35.185 ng	97
68) Hexachlorobenzene	16.68	284	219569	37.251 ng	98
69) Atrazine	16.82	200	185109	39.513 ng	97
70) Pentachlorophenol	17.02	266	259819	71.853 ng	99
71) Phenanthrene	17.40	178	862753	38.110 ng	99
72) Anthracene	17.50	178	892033	39.281 ng	99
73) Carbazole	17.76	167	831943	36.101 ng	99
74) Di-n-butylphthalate	18.33	149	991260	38.660 ng	99
75) Fluoranthene	19.42	202	1104809	40.967 ng	98
77) Benzidine	19.59	184	400735	31.056 ng	97
78) Pyrene	19.78	202	1088756	37.556 ng	97
80) Butylbenzylphthalate	20.66	149	453880	37.770 ng	98
81) Benzo(a)anthracene	21.60	228	1040413	38.173 ng	99
82) 3,3'-Dichlorobenzidine	21.52	252	151677	13.982 ng	99
83) Chrysene	21.67	228	996305	38.045 ng	98
84) Bis(2-ethylhexyl)phthalate	21.52	149	632016	38.241 ng	97
85) Di-n-octyl phthalate	22.71	149	1068480	37.386 ng	99
86) Indeno(1,2,3-cd)pyrene	28.38	276	1320446	37.978 ng	100
88) Benzo(b)fluoranthene	23.79	252	1103186	37.172 ng	97
89) Benzo(k)fluoranthene	23.85	252	1069857	37.907 ng	98
90) Benzo(a)pyrene	24.64	252	1021462	36.454 ng	97
91) Dibenzo(a,h)anthracene	28.44	278	1089520	38.588 ng	98
92) Benzo(g,h,i)perylene	29.51	276	1097316	38.765 ng	99

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

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