Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080720\
Data File : BG046190.D
Acq On : 7 Aug 2020 12:35
Operator : CG/JU
Sample : L3545-03MSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-1MSD

Manual Integrations APPROVED
mohammad
8/10/2020 3:43:29 PM

Quant Time: Aug 07 13:46:09 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	104481	20.00	ng		0.00
21) Naphthalene-d8	10.75	136	416032	20.00	ng		0.00
39) Acenaphthene-d10	14.58	164	285394	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	708172	20.00	ng		0.00
76) Chrysene-d12	21.57	240	721685	20.00	ng		0.00
86) Perylene-d12	24.67	264	803749	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	737962	122.78	ng		0.00
7) Phenol-d6	7.12	99	963780	117.66	ng		0.00
23) Nitrobenzene-d5	9.10	82	621815	80.92	ng		0.00
42) 2,4,6-Tribromophenol	16.07	330	645026	147.15	ng		0.00
45) 2-Fluorobiphenyl	13.21	172	1472100	74.93	ng		0.00
79) Terphenyl-d14	19.93	244	2138694	60.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	91836	33.570	ng		95
3) Pyridine	3.83	79	211946	28.143	ng		94
4) n-Nitrosodimethylamine	3.75	42	112450	35.084	ng		92
6) Aniline	7.27	93	247433	25.376	ng		99
8) 2-Chlorophenol	7.52	128	305046	45.920	ng		96
9) Benzaldehyde	7.08	77	195190	40.157	ng		98
10) Phenol	7.15	94	364716	44.315	ng		96
11) bis(2-Chloroethyl)ether	7.37	93	270249	41.282	ng		97
12) 1,3-Dichlorobenzene	7.84	146	339259	42.133	ng		98
13) 1,4-Dichlorobenzene	7.99	146	337174	41.701	ng		99
14) 1,2-Dichlorobenzene	8.31	146	329757	43.244	ng		100
15) Benzyl Alcohol	8.19	79	257600	45.521	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.48	45	413915	38.566	ng		98
17) 2-Methylphenol	8.39	107	260199	46.830	ng		98
18) Hexachloroethane	9.04	117	114900	42.490	ng		96
19) n-Nitroso-di-n-propylamine	8.76	70	219112	41.102	ng		98
20) 3+4-Methylphenols	8.72	107	361071	47.478	ng		98
22) Acetophenone	8.77	105	434072	40.655	ng	#	95
24) Nitrobenzene	9.15	77	307058	37.481	ng		96
25) Isophorone	9.67	82	606205	39.648	ng		97
26) 2-Nitrophenol	9.86	139	189079	50.925	ng		99
27) 2,4-Dimethylphenol	9.93	122	289801	47.974	ng		98
28) bis(2-Chloroethoxy)methane	10.16	93	374014	44.987	ng		100
29) 2,4-Dichlorophenol	10.40	162	337778	47.535	ng		99
30) 1,2,4-Trichlorobenzene	10.61	180	343891	41.311	ng		98
31) Naphthalene	10.80	128	883102	40.117	ng		99
32) Benzoic acid	10.00	122	42707m	17.141	ng		
33) 4-Chloroaniline	10.90	127	178543	19.848	ng		96
34) Hexachlorobutadiene	11.10	225	222568	40.164	ng		98
35) Caprolactam	11.67	113	135865	58.416	ng		99
36) 4-Chloro-3-methylphenol	12.03	107	330799	47.437	ng		96
37) 2-Methylnaphthalene	12.41	142	706465	41.708	ng		99
38) 1-Methylnaphthalene	12.62	142	677121	42.245	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	413447	40.208	ng		99

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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)
41) Hexachlorocyclopentadiene	12.76	237	512613	86.911 ng	97
43) 2,4,6-Trichlorophenol	13.01	196	333132	50.779 ng	97
44) 2,4,5-Trichlorophenol	13.08	196	354523	49.528 ng	96
46) 1,1'-Biphenyl	13.41	154	896621	40.049 ng	99
47) 2-Chloronaphthalene	13.45	162	708762	39.688 ng	99
48) 2-Nitroaniline	13.65	65	205006	43.795 ng	95
49) Acenaphthylene	14.30	152	1137570	41.022 ng	98
50) Dimethylphthalate	14.03	163	1151904	52.588 ng	99
51) 2,6-Dinitrotoluene	14.15	165	213921	41.963 ng	93
52) Acenaphthene	14.64	154	705957	38.573 ng	99
53) 3-Nitroaniline	14.47	138	117693	23.287 ng	99
54) 2,4-Dinitrophenol	14.68	184	68284	26.341 ng	100
55) Dibenzofuran	14.98	168	1099834	39.826 ng	99
56) 4-Nitrophenol	14.79	139	411334	93.744 ng	99
57) 2,4-Dinitrotoluene	14.93	165	303581	43.312 ng	93
58) Fluorene	15.63	166	915354	40.929 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.20	232	360257	53.432 ng	97
60) Diethylphthalate	15.40	149	926915	43.017 ng	97
61) 4-Chlorophenyl-phenylether	15.62	204	494590	42.342 ng	96
62) 4-Nitroaniline	15.64	138	237455	46.716 ng	98
63) Azobenzene	15.91	77	803291	39.778 ng	96
65) 4,6-Dinitro-2-methylphenol	15.70	198	97325	20.780 ng	87
66) n-Nitrosodiphenylamine	15.83	169	847434	39.532 ng	97
67) 4-Bromophenyl-phenylether	16.51	248	366821	41.928 ng	96
68) Hexachlorobenzene	16.64	284	407770	41.566 ng	95
69) Atrazine	16.78	200	330598	40.051 ng	98
70) Pentachlorophenol	16.98	266	372141	58.464 ng	99
71) Phenanthrene	17.37	178	1513624	39.019 ng	98
72) Anthracene	17.45	178	1576736	40.863 ng	97
73) Carbazole	17.72	167	1449754	38.965 ng	98
74) Di-n-butylphthalate	18.29	149	1590891	40.906 ng	98
75) Fluoranthene	19.37	202	1804516	37.260 ng	97
77) Benzidine	19.54	184	801349	39.201 ng	99
78) Pyrene	19.73	202	1843358	38.015 ng	98
80) Butylbenzylphthalate	20.63	149	741298	42.202 ng	98
81) Benzo(a)anthracene	21.55	228	1868520	38.689 ng	97
82) 3,3'-Dichlorobenzidine	21.47	252	359118	17.906 ng	99
83) Chrysene	21.61	228	1790241	37.840 ng	97
84) Bis(2-ethylhexyl)phthalate	21.48	149	1060042	42.211 ng	98
85) Di-n-octyl phthalate	22.65	149	1846386	43.424 ng	100
87) Indeno(1,2,3-cd)pyrene	28.20	276	2568491	41.901 ng	99
88) Benzo(b)fluoranthene	23.70	252	2086645	38.741 ng	99
89) Benzo(k)fluoranthene	23.76	252	2008390	38.017 ng	99
90) Benzo(a)pyrene	24.53	252	1943788	38.783 ng	98
91) Dibenzo(a,h)anthracene	28.26	278	2101115	41.003 ng	98
92) Benzo(g,h,i)perylene	29.29	276	2164311	41.821 ng	98

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

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