Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
Data File : BG046130.D
Acq On : 31 Jul 2020 18:07
Operator : CG/JU
Sample : L3491-08MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1-DMSD

Manual Integrations APPROVED
mohammad
8/3/2020 12:22:22 PM

Quant Time: Jul 31 18:48:09 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	90218	20.00	ng		0.00
21) Naphthalene-d8	10.75	136	365194	20.00	ng		0.00
39) Acenaphthene-d10	14.58	164	243620	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	577594	20.00	ng		0.00
76) Chrysene-d12	21.57	240	599715	20.00	ng		0.00
86) Perylene-d12	24.68	264	642745	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	607304	117.02	ng		0.00
7) Phenol-d6	7.12	99	778826	110.11	ng		0.00
23) Nitrobenzene-d5	9.11	82	515669	76.45	ng		0.00
42) 2,4,6-Tribromophenol	16.07	330	403768	107.90	ng		0.00
45) 2-Fluorobiphenyl	13.20	172	1139566	67.95	ng		0.00
79) Terphenyl-d14	19.94	244	1751700	59.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	82525	34.936	ng		99
3) Pyridine	3.83	79	188236	28.947	ng		94
4) n-Nitrosodimethylamine	3.75	42	112714	40.726	ng		96
6) Aniline	7.28	93	194606	23.114	ng		99
8) 2-Chlorophenol	7.52	128	237738	41.445	ng		97
9) Benzaldehyde	7.09	77	172149	41.016	ng		95
10) Phenol	7.15	94	297480	41.860	ng		97
11) bis(2-Chloroethyl)ether	7.38	93	225087	39.819	ng		98
12) 1,3-Dichlorobenzene	7.85	146	265283	38.155	ng		98
13) 1,4-Dichlorobenzene	7.99	146	267815	38.360	ng		99
14) 1,2-Dichlorobenzene	8.31	146	259042	39.341	ng		100
15) Benzyl Alcohol	8.19	79	210844	43.149	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.49	45	386509	41.706	ng		99
17) 2-Methylphenol	8.40	107	208133	43.382	ng		98
18) Hexachloroethane	9.04	117	93666	40.114	ng		98
19) n-Nitroso-di-n-propylamine	8.76	70	183860	39.941	ng		97
20) 3+4-Methylphenols	8.72	107	279130	42.506	ng		98
22) Acetophenone	8.77	105	344535	36.761	ng		99
24) Nitrobenzene	9.15	77	260653	36.245	ng		98
25) Isophorone	9.67	82	494815	36.868	ng		99
26) 2-Nitrophenol	9.86	139	132181	40.556	ng		95
27) 2,4-Dimethylphenol	9.93	122	217331	40.986	ng		99
28) bis(2-Chloroethoxy)methane	10.16	93	298027	40.838	ng		99
29) 2,4-Dichlorophenol	10.40	162	246780	39.563	ng		100
30) 1,2,4-Trichlorobenzene	10.62	180	260685	35.675	ng		99
31) Naphthalene	10.80	128	701333	36.295	ng		100
32) Benzoic acid	10.06	122	140149	38.313	ng		95
33) 4-Chloroaniline	10.90	127	110030	13.935	ng		96
34) Hexachlorobutadiene	11.10	225	167381	34.410	ng		99
35) Caprolactam	11.67	113	92763m	45.436	ng		
36) 4-Chloro-3-methylphenol	12.03	107	253389	41.395	ng		98
37) 2-Methylnaphthalene	12.41	142	544987	36.654	ng		98
38) 1-Methylnaphthalene	12.62	142	514640	36.578	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	301341	34.330	ng	#	98

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Operator : CG/JU
Sample : L3491-08MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1-DMSD

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Quant Time: Jul 31 18:48:09 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)
41) Hexachlorocyclopentadiene	12.76	237	421053	83.628	ng		99
43) 2,4,6-Trichlorophenol	13.02	196	215750	38.526	ng		96
44) 2,4,5-Trichlorophenol	13.09	196	236634	38.727	ng		97
46) 1,1'-Biphenyl	13.42	154	695945	36.416	ng		98
47) 2-Chloronaphthalene	13.46	162	541268	35.506	ng		99
48) 2-Nitroaniline	13.65	65	170195	42.593	ng		96
49) Acenaphthylene	14.30	152	875402	36.981	ng		98
50) Dimethylphthalate	14.04	163	866143	46.322	ng		100
51) 2,6-Dinitrotoluene	14.14	165	160169	36.806	ng		97
52) Acenaphthene	14.64	154	615980	39.428	ng		98
53) 3-Nitroaniline	14.47	138	76791	17.800	ng		99
54) 2,4-Dinitrophenol	14.68	184	173878	64.563	ng	#	89
55) Dibenzofuran	14.98	168	828313	35.137	ng		99
56) 4-Nitrophenol	14.79	139	303165	80.939	ng		91
57) 2,4-Dinitrotoluene	14.94	165	227815	38.076	ng		98
58) Fluorene	15.63	166	686457	35.957	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.21	232	233569	40.583	ng		98
60) Diethylphthalate	15.40	149	716517	38.954	ng		99
61) 4-Chlorophenyl-phenylether	15.63	204	369123	37.020	ng		95
62) 4-Nitroaniline	15.64	138	165682	38.185	ng		95
63) Azobenzene	15.91	77	649943	37.703	ng		99
65) 4,6-Dinitro-2-methylphenol	15.70	198	145852	38.182	ng		96
66) n-Nitrosodiphenylamine	15.84	169	628650	35.956	ng		97
67) 4-Bromophenyl-phenylether	16.52	248	259048	36.303	ng		98
68) Hexachlorobenzene	16.64	284	281424	35.172	ng		99
69) Atrazine	16.78	200	238595	35.440	ng		99
70) Pentachlorophenol	16.98	266	405811	78.166	ng		99
71) Phenanthrene	17.36	178	1136356	35.916	ng		100
72) Anthracene	17.46	178	1168232	37.121	ng		100
73) Carbazole	17.72	167	1095615	36.104	ng		99
74) Di-n-butylphthalate	18.29	149	1282023	40.416	ng		100
75) Fluoranthene	19.37	202	1449713	36.701	ng		99
77) Benzidine	19.55	184	518407	30.517	ng		98
78) Pyrene	19.73	202	1449189	35.964	ng		100
80) Butylbenzylphthalate	20.63	149	606478	41.549	ng		99
81) Benzo(a)anthracene	21.55	228	1453693	36.221	ng		100
82) 3,3'-Dichlorobenzidine	21.47	252	279939	16.797	ng		99
83) Chrysene	21.62	228	1399487	35.597	ng		99
84) Bis(2-ethylhexyl)phthalate	21.48	149	851469	40.802	ng		99
85) Di-n-octyl phthalate	22.66	149	1465997	41.490	ng		98
87) Indeno(1,2,3-cd)pyrene	28.20	276	1840560	37.548	ng		99
88) Benzo(b)fluoranthene	23.70	252	1568739	36.422	ng		99
89) Benzo(k)fluoranthene	23.76	252	1507175	35.676	ng		99
90) Benzo(a)pyrene	24.53	252	1458382	36.387	ng		99
91) Dibenzo(a,h)anthracene	28.26	278	1496784	36.526	ng		99
92) Benzo(g,h,i)perylene	29.30	276	1542032	37.261	ng		99

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

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Misc :
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