Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090220\
Data File : BG046508.D
Acq On : 2 Sep 2020 18:11
Operator : CG/JU
Sample : L3837-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 789UMR-DSP01-01MS

Manual Integrations APPROVED
mohammad
9/3/2020 1:47:44 PM

Quant Time: Sep 02 18:47:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 15:06:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	60214	20.00	ng		0.00
21) Naphthalene-d8	10.73	136	268701	20.00	ng		0.00
39) Acenaphthene-d10	14.56	164	215632	20.00	ng		0.00
64) Phenanthrene-d10	17.31	188	548833	20.00	ng		0.00
76) Chrysene-d12	21.56	240	512583	20.00	ng		0.00
86) Perylene-d12	24.66	264	554800	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	402430	118.37	ng		0.00
7) Phenol-d6	7.10	99	506220	105.04	ng		0.00
23) Nitrobenzene-d5	9.08	82	403550	85.84	ng		0.00
42) 2,4,6-Tribromophenol	16.05	330	344672	117.97	ng		0.00
45) 2-Fluorobiphenyl	13.19	172	1105926	78.29	ng		0.00
79) Terphenyl-d14	19.92	244	1873981	77.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	45901	32.453	ng	#	91
3) Pyridine	3.83	79	137671	33.268	ng		97
4) n-Nitrosodimethylamine	3.73	42	69549	45.568	ng	#	96
6) Aniline	7.26	93	136058	25.088	ng		98
8) 2-Chlorophenol	7.50	128	190647	53.059	ng		100
9) Benzaldehyde	7.07	77	122916	45.523	ng		94
10) Phenol	7.13	94	207032	46.641	ng		96
11) bis(2-Chloroethyl)ether	7.35	93	176346	49.424	ng		99
12) 1,3-Dichlorobenzene	7.82	146	177876	38.992	ng		99
13) 1,4-Dichlorobenzene	7.97	146	182165	39.887	ng		100
14) 1,2-Dichlorobenzene	8.28	146	178496	40.761	ng		98
15) Benzyl Alcohol	8.17	79	178661	57.742	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.46	45	267008	48.245	ng		99
17) 2-Methylphenol	8.38	107	171881	54.600	ng		98
18) Hexachloroethane	9.01	117	58687	37.899	ng		97
19) n-Nitroso-di-n-propylamine	8.74	70	156567	54.312	ng		97
20) 3+4-Methylphenols	8.71	107	236035	54.322	ng		99
22) Acetophenone	8.75	105	292782	44.763	ng	#	99
24) Nitrobenzene	9.13	77	217137	46.751	ng		98
25) Isophorone	9.65	82	450983	52.323	ng		99
26) 2-Nitrophenol	9.84	139	117505	47.951	ng		97
27) 2,4-Dimethylphenol	9.91	122	200057	59.357	ng		98
28) bis(2-Chloroethoxy)methane	10.14	93	265426	47.844	ng		99
29) 2,4-Dichlorophenol	10.38	162	230602	51.324	ng		98
30) 1,2,4-Trichlorobenzene	10.59	180	214124	40.166	ng		98
31) Naphthalene	10.78	128	580711	44.263	ng		100
32) Benzoic acid	10.05	122	84889	37.129	ng		98
33) 4-Chloroaniline	10.89	127	32873	5.682	ng		96
34) Hexachlorobutadiene	11.08	225	128677	37.183	ng		98
35) Caprolactam	11.66	113	70710m	42.102	ng		
36) 4-Chloro-3-methylphenol	12.02	107	252721	57.509	ng		97
37) 2-Methylnaphthalene	12.39	142	491972	47.547	ng		98
38) 1-Methylnaphthalene	12.61	142	469039	47.855	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	298287	41.949	ng		99

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Quant Time: Sep 02 18:47:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 15:06:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	261975	84.729 ng	99
43) 2,4,6-Trichlorophenol	13.00	196	228804	47.682 ng	99
44) 2,4,5-Trichlorophenol	13.07	196	251257	49.836 ng	97
46) 1,1'-Biphenyl	13.40	154	690468	46.024 ng	98
47) 2-Chloronaphthalene	13.44	162	540037	42.456 ng	100
48) 2-Nitroaniline	13.64	65	172068	48.716 ng	98
49) Acenaphthylene	14.28	152	888654	46.056 ng	100
50) Dimethylphthalate	14.02	163	875809	52.499 ng	99
51) 2,6-Dinitrotoluene	14.14	165	183880	50.003 ng	98
52) Acenaphthene	14.63	154	546990	45.747 ng	99
53) 3-Nitroaniline	14.47	138	63114	15.844 ng	99
54) 2,4-Dinitrophenol	14.68	184	180779	84.220 ng	98
55) Dibenzofuran	14.97	168	894907	46.637 ng	99
56) 4-Nitrophenol	14.79	139	263246	89.797 ng	96
57) 2,4-Dinitrotoluene	14.93	165	266777	50.878 ng	98
58) Fluorene	15.61	166	784358	48.702 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	245793	50.204 ng	99
60) Diethylphthalate	15.39	149	799083	49.129 ng	99
61) 4-Chlorophenyl-phenylether	15.61	204	420984	47.463 ng	98
62) 4-Nitroaniline	15.63	138	184867	43.984 ng	96
63) Azobenzene	15.89	77	671596	50.760 ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	163063	52.492 ng	99
66) n-Nitrosodiphenylamine	15.82	169	722906	48.824 ng	100
67) 4-Bromophenyl-phenylether	16.50	248	301420	47.074 ng	98
68) Hexachlorobenzene	16.62	284	318386	44.898 ng	98
69) Atrazine	16.77	200	232776	38.537 ng	98
70) Pentachlorophenol	16.96	266	361406	97.544 ng	100
71) Phenanthrene	17.35	178	1272530	45.744 ng	98
72) Anthracene	17.44	178	1311587	47.787 ng	98
73) Carbazole	17.71	167	1191644	45.984 ng	99
74) Di-n-butylphthalate	18.27	149	1355790	45.498 ng	99
75) Fluoranthene	19.36	202	1559024	43.548 ng	99
77) Benzidine	19.54	184	313322	26.306 ng	99
78) Pyrene	19.72	202	1553427	47.592 ng	98
80) Butylbenzylphthalate	20.61	149	612319	48.094 ng	96
81) Benzo(a)anthracene	21.54	228	1491382	46.680 ng	99
82) 3,3'-Dichlorobenzidine	21.45	252	288533	24.335 ng	99
83) Chrysene	21.60	228	1453241	47.287 ng	98
84) Bis(2-ethylhexyl)phthalate	21.46	149	860716	49.538 ng	100
85) Di-n-octyl phthalate	22.63	149	1491986	50.150 ng	99
87) Indeno(1,2,3-cd)pyrene	28.18	276	1868367	46.889 ng	100
88) Benzo(b)fluoranthene	23.68	252	1603861	46.298 ng	98
89) Benzo(k)fluoranthene	23.75	252	1503340	44.902 ng	98
90) Benzo(a)pyrene	24.52	252	1450027	44.852 ng	100
91) Dibenzo(a,h)anthracene	28.24	278	1525263	47.434 ng	99
92) Benzo(g,h,i)perylene	29.28	276	1555785	48.452 ng	98

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

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