Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090220\
Data File : BG046509.D
Acq On : 2 Sep 2020 18:52
Operator : CG/JU
Sample : L3837-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

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

Quant Time: Sep 03 01:22:35 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	63600	20.00	ng		0.00
21) Naphthalene-d8	10.73	136	275830	20.00	ng		0.00
39) Acenaphthene-d10	14.56	164	220244	20.00	ng		0.00
64) Phenanthrene-d10	17.31	188	564228	20.00	ng		0.00
76) Chrysene-d12	21.56	240	528068	20.00	ng		0.00
86) Perylene-d12	24.66	264	562898	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	422999	117.80	ng		0.00
7) Phenol-d6	7.11	99	522554	102.66	ng		0.00
23) Nitrobenzene-d5	9.09	82	419761	86.98	ng		0.00
42) 2,4,6-Tribromophenol	16.06	330	357336	119.74	ng		0.00
45) 2-Fluorobiphenyl	13.18	172	1139153	78.96	ng		0.00
79) Terphenyl-d14	19.92	244	1929162	77.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	47732	31.951	ng	#	91
3) Pyridine	3.82	79	146901	33.609	ng		95
4) n-Nitrosodimethylamine	3.72	42	72293	44.844	ng		95
6) Aniline	7.25	93	173966	30.370	ng		99
8) 2-Chlorophenol	7.50	128	195780	51.587	ng		98
9) Benzaldehyde	7.07	77	123383	43.263	ng		94
10) Phenol	7.13	94	212292	45.280	ng		97
11) bis(2-Chloroethyl)ether	7.35	93	184703	49.011	ng		98
12) 1,3-Dichlorobenzene	7.82	146	185203	38.437	ng		99
13) 1,4-Dichlorobenzene	7.97	146	190106	39.409	ng		98
14) 1,2-Dichlorobenzene	8.28	146	188929	40.846	ng		97
15) Benzyl Alcohol	8.17	79	185886	56.879	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.46	45	275249	47.086	ng		99
17) 2-Methylphenol	8.38	107	176149	52.977	ng		98
18) Hexachloroethane	9.01	117	61125	37.372	ng		97
19) n-Nitroso-di-n-propylamine	8.73	70	162639	53.414	ng		98
20) 3+4-Methylphenols	8.71	107	243605	53.079	ng		98
22) Acetophenone	8.75	105	305255	45.464	ng	#	99
24) Nitrobenzene	9.13	77	222104	46.584	ng		98
25) Isophorone	9.65	82	468285	52.927	ng		99
26) 2-Nitrophenol	9.84	139	123977	49.285	ng		96
27) 2,4-Dimethylphenol	9.91	122	205831	59.492	ng		95
28) bis(2-Chloroethoxy)methane	10.13	93	271193	47.621	ng		100
29) 2,4-Dichlorophenol	10.38	162	237242	51.437	ng		99
30) 1,2,4-Trichlorobenzene	10.59	180	223524	40.845	ng		97
31) Naphthalene	10.78	128	596304	44.276	ng		99
32) Benzoic acid	10.06	122	86616	36.965	ng		93
33) 4-Chloroaniline	10.89	127	42837	7.213	ng		96
34) Hexachlorobutadiene	11.07	225	134531	37.870	ng		99
35) Caprolactam	11.67	113	72590m	42.104	ng		
36) 4-Chloro-3-methylphenol	12.02	107	258425	57.287	ng		95
37) 2-Methylnaphthalene	12.38	142	508659	47.889	ng		99
38) 1-Methylnaphthalene	12.61	142	486660	48.370	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	306082	42.144	ng		99

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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	264436	83.734 ng	99
43) 2,4,6-Trichlorophenol	13.00	196	235201	47.989 ng	98
44) 2,4,5-Trichlorophenol	13.08	196	259879	50.467 ng	99
46) 1,1'-Biphenyl	13.39	154	706618	46.114 ng	99
47) 2-Chloronaphthalene	13.44	162	558732	43.006 ng	99
48) 2-Nitroaniline	13.63	65	177495	49.200 ng	96
49) Acenaphthylene	14.29	152	920438	46.704 ng	99
50) Dimethylphthalate	14.02	163	898676	52.742 ng	99
51) 2,6-Dinitrotoluene	14.13	165	191493	50.983 ng	99
52) Acenaphthene	14.63	154	564120	46.191 ng	99
53) 3-Nitroaniline	14.46	138	85074	20.910 ng	98
54) 2,4-Dinitrophenol	14.67	184	204964	93.488 ng	97
55) Dibenzofuran	14.96	168	924171	47.153 ng	99
56) 4-Nitrophenol	14.79	139	271637	90.719 ng	96
57) 2,4-Dinitrotoluene	14.93	165	276361	51.602 ng	98
58) Fluorene	15.61	166	799458	48.600 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	251659	50.326 ng	98
60) Diethylphthalate	15.39	149	827631	49.818 ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	432088	47.695 ng	97
62) 4-Nitroaniline	15.63	138	192913	44.937 ng	98
63) Azobenzene	15.90	77	687336	50.862 ng	98
65) 4,6-Dinitro-2-methylphenol	15.70	198	169786	53.165 ng	97
66) n-Nitrosodiphenylamine	15.82	169	740693	48.660 ng	99
67) 4-Bromophenyl-phenylether	16.50	248	308924	46.930 ng	97
68) Hexachlorobenzene	16.63	284	323155	44.327 ng	99
69) Atrazine	16.77	200	241618	38.910 ng	99
70) Pentachlorophenol	16.97	266	380652	99.935 ng	99
71) Phenanthrene	17.35	178	1307477	45.718 ng	99
72) Anthracene	17.44	178	1343711	47.621 ng	97
73) Carbazole	17.71	167	1224192	45.951 ng	99
74) Di-n-butylphthalate	18.27	149	1390058	45.376 ng	98
75) Fluoranthene	19.36	202	1599570	43.462 ng	99
77) Benzidine	19.53	184	374198	30.495 ng	98
78) Pyrene	19.72	202	1590329	47.293 ng	98
80) Butylbenzylphthalate	20.61	149	626438	47.760 ng	96
81) Benzo(a)anthracene	21.54	228	1523171	46.277 ng	98
82) 3,3'-Dichlorobenzidine	21.45	252	347617	28.459 ng	98
83) Chrysene	21.60	228	1480258	46.753 ng	98
84) Bis(2-ethylhexyl)phthalate	21.46	149	877872	49.044 ng	100
85) Di-n-octyl phthalate	22.63	149	1512695	49.355 ng	99
87) Indeno(1,2,3-cd)pyrene	28.18	276	1912922	47.316 ng	100
88) Benzo(b)fluoranthene	23.68	252	1609414	45.790 ng	96
89) Benzo(k)fluoranthene	23.75	252	1581155	46.547 ng	98
90) Benzo(a)pyrene	24.52	252	1482021	45.182 ng	99
91) Dibenzo(a,h)anthracene	28.24	278	1555865	47.690 ng	98
92) Benzo(g,h,i)perylene	29.28	276	1593190	48.903 ng	99

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

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