Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090320\
Data File : BG046530.D
Acq On : 4 Sep 2020 00:14
Operator : CG/JU
Sample : L3888-02MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 9-2-TP-1MS

Manual Integrations APPROVED
mohammad
9/4/2020 1:55:06 PM

Quant Time: Sep 04 03:03:18 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	77865	20.00	ng		0.00
21) Naphthalene-d8	10.73	136	334764	20.00	ng		0.00
39) Acenaphthene-d10	14.56	164	227730	20.00	ng		0.00
64) Phenanthrene-d10	17.31	188	528593	20.00	ng		0.00
76) Chrysene-d12	21.55	240	505219	20.00	ng		0.00
86) Perylene-d12	24.66	264	553568	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	490396	111.55	ng		0.00
7) Phenol-d6	7.11	99	634372	101.79	ng		0.00
23) Nitrobenzene-d5	9.09	82	410102	70.02	ng		0.00
42) 2,4,6-Tribromophenol	16.05	330	282302	91.49	ng		0.00
45) 2-Fluorobiphenyl	13.18	172	958326	64.24	ng		0.00
79) Terphenyl-d14	19.92	244	1335977	56.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	67126	36.701	ng		97
3) Pyridine	3.81	79	195588	36.550	ng		97
4) n-Nitrosodimethylamine	3.72	42	92826	47.032	ng		97
6) Aniline	7.25	93	143358	20.442	ng		98
8) 2-Chlorophenol	7.50	128	234802	50.534	ng		99
9) Benzaldehyde	7.06	77	150956	43.234	ng		96
10) Phenol	7.13	94	285467	49.732	ng		98
11) bis(2-Chloroethyl)ether	7.35	93	210641	45.654	ng		98
12) 1,3-Dichlorobenzene	7.82	146	258753	43.863	ng		98
13) 1,4-Dichlorobenzene	7.96	146	259644	43.964	ng		99
14) 1,2-Dichlorobenzene	8.28	146	252532	44.595	ng		99
15) Benzyl Alcohol	8.17	79	197757	49.425	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.46	45	320266	44.750	ng		99
17) 2-Methylphenol	8.38	107	199561	49.022	ng		98
18) Hexachloroethane	9.01	117	88494	44.193	ng		92
19) n-Nitroso-di-n-propylamine	8.73	70	167189	44.849	ng		99
20) 3+4-Methylphenols	8.70	107	275146	48.969	ng		99
22) Acetophenone	8.75	105	324105	39.773	ng	#	98
24) Nitrobenzene	9.13	77	245285	42.389	ng		96
25) Isophorone	9.65	82	464883	43.292	ng		97
26) 2-Nitrophenol	9.84	139	135899	44.513	ng		98
27) 2,4-Dimethylphenol	9.90	122	218434	52.020	ng		98
28) bis(2-Chloroethoxy)methane	10.13	93	285196	41.263	ng		97
29) 2,4-Dichlorophenol	10.38	162	251618	44.950	ng		98
30) 1,2,4-Trichlorobenzene	10.59	180	266874	40.182	ng		100
31) Naphthalene	10.78	128	691661	42.316	ng		99
32) Benzoic acid	10.01	122	13977	9.647	ng		99
33) 4-Chloroaniline	10.88	127	70932	9.841	ng		98
34) Hexachlorobutadiene	11.07	225	172317	39.967	ng		99
35) Caprolactam	11.65	113	82910m	39.624	ng		
36) 4-Chloro-3-methylphenol	12.02	107	243567	44.488	ng		96
37) 2-Methylnaphthalene	12.38	142	541290	41.989	ng		99
38) 1-Methylnaphthalene	12.61	142	503460	41.230	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	321734	42.842	ng		100

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Quant Time: Sep 04 03:03:18 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	311310	95.336	ng		99
43) 2,4,6-Trichlorophenol	12.99	196	221762	43.759	ng		98
44) 2,4,5-Trichlorophenol	13.07	196	235399	44.210	ng		98
46) 1,1'-Biphenyl	13.39	154	693564	43.774	ng		98
47) 2-Chloronaphthalene	13.43	162	555192	41.328	ng		99
48) 2-Nitroaniline	13.63	65	151185	40.530	ng		100
49) Acenaphthylene	14.29	152	860610	42.233	ng		100
50) Dimethylphthalate	14.02	163	780575	44.305	ng		99
51) 2,6-Dinitrotoluene	14.13	165	162489	41.839	ng		99
52) Acenaphthene	14.63	154	526632	41.704	ng		99
53) 3-Nitroaniline	14.46	138	78249	18.600	ng		98
54) 2,4-Dinitrophenol	14.67	184	33150	14.623	ng		97
55) Dibenzofuran	14.96	168	839839	41.442	ng		100
56) 4-Nitrophenol	14.79	139	259802	83.914	ng		97
57) 2,4-Dinitrotoluene	14.93	165	230202	41.570	ng		99
58) Fluorene	15.61	166	708783	41.671	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.19	232	219867	42.523	ng		98
60) Diethylphthalate	15.38	149	694933	40.456	ng		99
61) 4-Chlorophenyl-phenylether	15.60	204	379332	40.495	ng		98
62) 4-Nitroaniline	15.63	138	154458	34.797	ng		97
63) Azobenzene	15.90	77	588527	42.119	ng		97
65) 4,6-Dinitro-2-methylphenol	15.69	198	49836	16.657	ng		97
66) n-Nitrosodiphenylamine	15.82	169	634227	44.475	ng		100
67) 4-Bromophenyl-phenylether	16.50	248	261800	42.452	ng		97
68) Hexachlorobenzene	16.62	284	282703	41.392	ng		99
69) Atrazine	16.77	200	201016	34.553	ng		97
70) Pentachlorophenol	16.97	266	196093	54.952	ng		99
71) Phenanthrene	17.35	178	1139251	42.521	ng		100
72) Anthracene	17.44	178	1162499	43.976	ng		99
73) Carbazole	17.71	167	1052447	42.168	ng		99
74) Di-n-butylphthalate	18.27	149	1191282	41.508	ng		100
75) Fluoranthene	19.36	202	1409538	40.880	ng		99
77) Benzidine	19.53	184	391547	33.352	ng		99
78) Pyrene	19.71	202	1405665	43.692	ng		99
80) Butylbenzylphthalate	20.61	149	543196	43.287	ng		96
81) Benzo(a)anthracene	21.54	228	1343801	42.674	ng		99
82) 3,3'-Dichlorobenzidine	21.45	252	234848	20.096	ng		99
83) Chrysene	21.60	228	1300781	42.943	ng		100
84) Bis(2-ethylhexyl)phthalate	21.45	149	769715	44.947	ng		99
85) Di-n-octyl phthalate	22.62	149	1328126	45.293	ng		99
87) Indeno(1,2,3-cd)pyrene	28.16	276	1667941	41.952	ng	#	80
88) Benzo(b)fluoranthene	23.68	252	1458853	42.205	ng		98
89) Benzo(k)fluoranthene	23.75	252	1365407	40.873	ng		99
90) Benzo(a)pyrene	24.51	252	1308572	40.567	ng		99
91) Dibenzo(a,h)anthracene	28.23	278	1355450	42.247	ng		99
92) Benzo(g,h,i)perylene	29.27	276	1404353	43.833	ng		98

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

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