Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071020\
Data File : BG046008.D
Acq On : 10 Jul 2020 15:48
Operator : CG/JU
Sample : L3247-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-D19MSD

Manual Integrations APPROVED
mohammad
7/13/2020 1:03:57 PM

Quant Time: Jul 10 17:30:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 09:58:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	117320	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	488887	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	319141	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	727679	20.00	ng	0.00
76) Chrysene-d12	21.63	240	604173	20.00	ng	0.00
86) Perylene-d12	24.78	264	609515	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	980989	135.60	ng	0.00
7) Phenol-d6	7.16	99	1243684	119.41	ng	0.00
23) Nitrobenzene-d5	9.16	82	1009227	118.82	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	496783	167.72	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1884393	92.10	ng	0.00
79) Terphenyl-d14	19.99	244	2777734	102.32	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	137164	41.095	ng	# 33
3) Pyridine	3.90	79	412571	40.880	ng	100
4) n-Nitrosodimethylamine	3.81	42	177822	52.107	ng	# 93
6) Aniline	7.33	93	555237	41.671	ng	99
8) 2-Chlorophenol	7.57	128	409755	52.615	ng	97
9) Benzaldehyde	7.14	77	147593	22.366	ng	94
10) Phenol	7.19	94	462230	44.240	ng	98
11) bis(2-Chloroethyl)ether	7.42	93	422478	48.899	ng	98
12) 1,3-Dichlorobenzene	7.90	146	387457	43.163	ng	99
13) 1,4-Dichlorobenzene	8.04	146	393294	44.538	ng	99
14) 1,2-Dichlorobenzene	8.36	146	372967	43.885	ng	99
15) Benzyl Alcohol	8.24	79	428771	52.502	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.53	45	536163	47.564	ng	97
17) 2-Methylphenol	8.44	107	365783	46.657	ng	98
18) Hexachloroethane	9.09	117	148439	43.688	ng	93
19) n-Nitroso-di-n-propylamine	8.81	70	390884	53.421	ng	99
20) 3+4-Methylphenols	8.77	107	497906	46.600	ng	98
22) Acetophenone	8.82	105	645995	49.461	ng	98
24) Nitrobenzene	9.20	77	558483	59.572	ng	98
25) Isophorone	9.73	82	1053189	50.792	ng	98
26) 2-Nitrophenol	9.91	139	212650	69.591	ng	93
27) 2,4-Dimethylphenol	9.97	122	377999	51.215	ng	99
28) bis(2-Chloroethoxy)methane	10.21	93	595247	51.121	ng	100
29) 2,4-Dichlorophenol	10.45	162	396204	51.857	ng	98
30) 1,2,4-Trichlorobenzene	10.67	180	381327	45.044	ng	99
31) Naphthalene	10.85	128	1233981	47.083	ng	99
32) Benzoic acid	10.11	122	253607	55.142	ng	95
33) 4-Chloroaniline	10.95	127	305271	26.066	ng	98
34) Hexachlorobutadiene	11.15	225	202779	41.024	ng	99
35) Caprolactam	11.72	113	133486m	46.016	ng	
36) 4-Chloro-3-methylphenol	12.08	107	486327	55.886	ng	99
37) 2-Methylnaphthalene	12.46	142	936513	50.268	ng	99
38) 1-Methylnaphthalene	12.68	142	902285	51.318	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	405726	45.099	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	438864	82.213	ng		94
43) 2,4,6-Trichlorophenol	13.06	196	326795	53.712	ng		98
44) 2,4,5-Trichlorophenol	13.13	196	343898	49.991	ng		99
46) 1,1'-Biphenyl	13.47	154	1154352	48.083	ng		100
47) 2-Chloronaphthalene	13.51	162	882428	46.585	ng		98
48) 2-Nitroaniline	13.70	65	334412	61.923	ng		98
49) Acenaphthylene	14.35	152	1485132	48.594	ng		99
50) Dimethylphthalate	14.09	163	1217986	50.854	ng		100
51) 2,6-Dinitrotoluene	14.20	165	279588	64.075	ng		94
52) Acenaphthene	14.70	154	1042777	54.094	ng		100
53) 3-Nitroaniline	14.52	138	267281	50.672	ng	#	94
54) 2,4-Dinitrophenol	14.72	184	188183	114.568	ng	#	84
55) Dibenzofuran	15.03	168	1388850	49.149	ng		99
56) 4-Nitrophenol	14.83	139	451684	115.755	ng		99
57) 2,4-Dinitrotoluene	14.98	165	385247	68.253	ng		96
58) Fluorene	15.68	166	1176948	50.772	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.25	232	318780m	60.019	ng		
60) Diethylphthalate	15.45	149	1291235	51.407	ng		99
61) 4-Chlorophenyl-phenylether	15.67	204	561356	48.676	ng		98
62) 4-Nitroaniline	15.69	138	292966	59.183	ng		96
63) Azobenzene	15.96	77	1438214	53.348	ng		99
65) 4,6-Dinitro-2-methylphenol	15.75	198	160693	61.853	ng		96
66) n-Nitrosodiphenylamine	15.88	169	1079382	47.867	ng		99
67) 4-Bromophenyl-phenylether	16.56	248	375705	46.228	ng		95
68) Hexachlorobenzene	16.69	284	393500	48.250	ng		100
69) Atrazine	16.83	200	369248	55.385	ng		96
70) Pentachlorophenol	17.02	266	490348	108.142	ng		98
71) Phenanthrene	17.42	178	1862116	48.404	ng		96
72) Anthracene	17.50	178	1907058	48.847	ng		97
73) Carbazole	17.77	167	1862688	47.599	ng		99
74) Di-n-butylphthalate	18.34	149	2228893	47.134	ng		98
75) Fluoranthene	19.42	202	2164254	48.665	ng		96
77) Benzidine	19.59	184	436874	25.290	ng		99
78) Pyrene	19.78	202	2128726	51.617	ng		98
80) Butylbenzylphthalate	20.68	149	1040983	53.414	ng		97
81) Benzo(a)anthracene	21.61	228	1926620	48.497	ng		99
82) 3,3'-Dichlorobenzidine	21.53	252	527639	35.944	ng		99
83) Chrysene	21.68	228	1857498	49.080	ng		96
84) Bis(2-ethylhexyl)phthalate	21.55	149	1424219	50.344	ng		100
85) Di-n-octyl phthalate	22.75	149	2411195	49.115	ng		99
87) Indeno(1,2,3-cd)pyrene	28.38	276	2440216	54.725	ng	#	92
88) Benzo(b)fluoranthene	23.79	252	2058246	53.195	ng		96
89) Benzo(k)fluoranthene	23.86	252	1978517	54.078	ng		97
90) Benzo(a)pyrene	24.64	252	1894211	52.062	ng		100
91) Dibenzo(a,h)anthracene	28.45	278	1957646	54.432	ng		100
92) Benzo(g,h,i)perylene	29.49	276	1978496	54.665	ng		99

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

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