Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073120\
Data File : BG046129.D
Acq On : 31 Jul 2020 17:27
Operator : CG/JU
Sample : L3491-08MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1-DMS

Manual Integrations APPROVED
mohammad
8/3/2020 12:22:19 PM

Quant Time: Jul 31 18:06:26 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	89817	20.00	ng		0.00
21) Naphthalene-d8	10.75	136	358159	20.00	ng		0.00
39) Acenaphthene-d10	14.58	164	233088	20.00	ng		0.00
64) Phenanthrene-d10	17.32	188	554563	20.00	ng		0.00
76) Chrysene-d12	21.57	240	601400	20.00	ng		0.00
86) Perylene-d12	24.68	264	644200	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	588391	113.88	ng		0.00
7) Phenol-d6	7.12	99	754925	107.21	ng		0.00
23) Nitrobenzene-d5	9.11	82	499490	75.51	ng		0.00
42) 2,4,6-Tribromophenol	16.07	330	382051	106.71	ng		0.00
45) 2-Fluorobiphenyl	13.20	172	1102644	68.72	ng		0.00
79) Terphenyl-d14	19.94	244	1728982	58.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	83473	35.495	ng		97
3) Pyridine	3.83	79	190846	29.479	ng		100
4) n-Nitrosodimethylamine	3.75	42	111534	40.479	ng		97
6) Aniline	7.28	93	190317	22.705	ng		97
8) 2-Chlorophenol	7.52	128	232148	40.652	ng		98
9) Benzaldehyde	7.09	77	168934	40.430	ng		93
10) Phenol	7.15	94	289226	40.880	ng		98
11) bis(2-Chloroethyl)ether	7.38	93	221841	39.420	ng		99
12) 1,3-Dichlorobenzene	7.85	146	266524	38.504	ng		99
13) 1,4-Dichlorobenzene	7.99	146	265323	38.172	ng		99
14) 1,2-Dichlorobenzene	8.31	146	255925	39.041	ng		99
15) Benzyl Alcohol	8.19	79	205243	42.191	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.49	45	382011	41.405	ng		99
17) 2-Methylphenol	8.40	107	200012	41.875	ng		99
18) Hexachloroethane	9.04	117	93547	40.242	ng		92
19) n-Nitroso-di-n-propylamine	8.76	70	178596	38.971	ng		96
20) 3+4-Methylphenols	8.72	107	268541	41.076	ng		99
22) Acetophenone	8.77	105	334265	36.366	ng		98
24) Nitrobenzene	9.15	77	249442	35.368	ng		98
25) Isophorone	9.67	82	480616	36.513	ng		98
26) 2-Nitrophenol	9.86	139	128007	40.047	ng		96
27) 2,4-Dimethylphenol	9.93	122	207142	39.831	ng		98
28) bis(2-Chloroethoxy)methane	10.16	93	290717	40.619	ng		98
29) 2,4-Dichlorophenol	10.40	162	237948	38.897	ng		99
30) 1,2,4-Trichlorobenzene	10.61	180	257729	35.963	ng		99
31) Naphthalene	10.80	128	682084	35.992	ng		99
32) Benzoic acid	10.06	122	123845	35.452	ng		99
33) 4-Chloroaniline	10.90	127	117797	15.211	ng		99
34) Hexachlorobutadiene	11.10	225	165667	34.727	ng		99
35) Caprolactam	11.67	113	87924m	43.912	ng		
36) 4-Chloro-3-methylphenol	12.03	107	244793	40.776	ng		100
37) 2-Methylnaphthalene	12.41	142	522847	35.856	ng		98
38) 1-Methylnaphthalene	12.63	142	500645	36.282	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	292618	34.843	ng	#	98

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Quant Time: Jul 31 18:06:26 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	416480	86.458 ng	98
43) 2,4,6-Trichlorophenol	13.01	196	207930	38.807 ng	99
44) 2,4,5-Trichlorophenol	13.09	196	223335	38.202 ng	97
46) 1,1'-Biphenyl	13.42	154	675025	36.917 ng	98
47) 2-Chloronaphthalene	13.46	162	519284	35.603 ng	99
48) 2-Nitroaniline	13.65	65	159911	41.827 ng	97
49) Acenaphthylene	14.30	152	836795	36.947 ng	99
50) Dimethylphthalate	14.04	163	824397	46.082 ng	99
51) 2,6-Dinitrotoluene	14.15	165	154327	37.066 ng	98
52) Acenaphthene	14.64	154	594798	39.793 ng	99
53) 3-Nitroaniline	14.47	138	73679	17.850 ng	97
54) 2,4-Dinitrophenol	14.68	184	166073	64.463 ng	91
55) Dibenzofuran	14.98	168	792991	35.158 ng	99
56) 4-Nitrophenol	14.79	139	295396	82.429 ng	92
57) 2,4-Dinitrotoluene	14.94	165	215213	37.595 ng	98
58) Fluorene	15.63	166	657664	36.005 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	220672	40.074 ng	98
60) Diethylphthalate	15.40	149	685576	38.956 ng	100
61) 4-Chlorophenyl-phenylether	15.63	204	351536	36.849 ng	96
62) 4-Nitroaniline	15.64	138	161063	38.798 ng	96
63) Azobenzene	15.91	77	622796	37.761 ng	98
65) 4,6-Dinitro-2-methylphenol	15.70	198	138814	37.849 ng	97
66) n-Nitrosodiphenylamine	15.84	169	603972	35.979 ng	99
67) 4-Bromophenyl-phenylether	16.52	248	244670	35.712 ng	95
68) Hexachlorobenzene	16.64	284	270812	35.251 ng	99
69) Atrazine	16.78	200	229585	35.517 ng	98
70) Pentachlorophenol	16.98	266	387594	77.758 ng	99
71) Phenanthrene	17.36	178	1092133	35.952 ng	99
72) Anthracene	17.46	178	1119793	37.059 ng	99
73) Carbazole	17.72	167	1068363	36.668 ng	100
74) Di-n-butylphthalate	18.29	149	1244335	40.857 ng	99
75) Fluoranthene	19.37	202	1407334	37.108 ng	99
77) Benzidine	19.55	184	519854	30.517 ng	99
78) Pyrene	19.73	202	1426247	35.296 ng	99
80) Butylbenzylphthalate	20.63	149	602300	41.147 ng	98
81) Benzo(a)anthracene	21.55	228	1458169	36.231 ng	99
82) 3,3'-Dichlorobenzidine	21.47	252	275193	16.466 ng	99
83) Chrysene	21.62	228	1398212	35.465 ng	100
84) Bis(2-ethylhexyl)phthalate	21.48	149	862551	41.217 ng	98
85) Di-n-octyl phthalate	22.66	149	1476454	41.669 ng	97
87) Indeno(1,2,3-cd)pyrene	28.20	276	1847699	37.608 ng	99
88) Benzo(b)fluoranthene	23.70	252	1580602	36.614 ng	100
89) Benzo(k)fluoranthene	23.77	252	1523554	35.982 ng	99
90) Benzo(a)pyrene	24.53	252	1456414	36.256 ng	99
91) Dibenzo(a,h)anthracene	28.27	278	1512920	36.836 ng	97
92) Benzo(g,h,i)perylene	29.30	276	1547351	37.305 ng	98

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

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