Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071919\
Data File : BG041734.D
Acq On : 19 Jul 2019 14:24
Operator : HP/JU
Sample : K3897-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-BPM-01-F03-G03-F03A-G03AMS

Manual Integrations APPROVED
mohammad
7/22/2019 10:00:51 AM

Quant Time: Jul 22 08:34:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 16:16:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	117832	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	471563	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	293873	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	709284	20.00	ng		0.00
76) Chrysene-d12	21.65	240	706681	20.00	ng		-0.01
87) Perylene-d12	24.84	264	814501	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	684427	94.95	ng		0.00
7) Phenol-d6	7.20	99	932811	96.22	ng		0.00
23) Nitrobenzene-d5	9.20	82	546298	70.45	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	375156	113.28	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	1227983	64.71	ng		0.00
79) Terphenyl-d14	20.00	244	1919588	63.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	84818	24.776	ng		100
3) Pyridine	3.89	79	176109	19.272	ng		99
4) n-Nitrosodimethylamine	3.80	42	112717	26.710	ng		98
6) Aniline	7.36	93	311679	23.920	ng		95
8) 2-Chlorophenol	7.61	128	257880	31.603	ng		96
9) Benzaldehyde	7.18	77	132046	19.281	ng		96
10) Phenol	7.23	94	320757	31.402	ng		99
11) bis(2-Chloroethyl)ether	7.46	93	236737	28.697	ng		98
12) 1,3-Dichlorobenzene	7.93	146	284372	29.206	ng		99
13) 1,4-Dichlorobenzene	8.08	146	292286	29.976	ng		94
14) 1,2-Dichlorobenzene	8.40	146	271864	29.572	ng		96
15) Benzyl Alcohol	8.28	79	222412	28.816	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	450720	26.367	ng		99
17) 2-Methylphenol	8.48	107	218058	30.869	ng		98
18) Hexachloroethane	9.13	117	101891	28.529	ng		100
19) n-Nitroso-di-n-propylamine	8.85	70	197103	27.815	ng		97
20) 3+4-Methylphenols	8.80	107	300319	31.024	ng		99
22) Acetophenone	8.86	105	371915	32.382	ng	#	94
24) Nitrobenzene	9.24	77	273939	32.386	ng		99
25) Isophorone	9.77	82	522182	30.754	ng		99
26) 2-Nitrophenol	9.96	139	141750	37.641	ng		97
27) 2,4-Dimethylphenol	10.01	122	249046	37.071	ng		99
28) bis(2-Chloroethoxy)methane	10.25	93	323417	30.905	ng		99
29) 2,4-Dichlorophenol	10.49	162	271851	35.492	ng		96
30) 1,2,4-Trichlorobenzene	10.71	180	286619	31.870	ng		99
31) Naphthalene	10.90	128	749475	32.283	ng		99
32) Benzoic acid	10.11	122	4260m	6.742	ng		
33) 4-Chloroaniline	11.00	127	277472	25.911	ng		98
34) Hexachlorobutadiene	11.20	225	184342	31.891	ng		98
35) Caprolactam	11.75	113	93564m	33.234	ng		
36) 4-Chloro-3-methylphenol	12.11	107	276683	34.481	ng		99
37) 2-Methylnaphthalene	12.50	142	578893	32.637	ng		99
38) 1-Methylnaphthalene	12.72	142	542833	32.102	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	333951	33.175	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	426732	74.941	ng		99
43) 2,4,6-Trichlorophenol	13.10	196	235139	35.950	ng		96
44) 2,4,5-Trichlorophenol	13.17	196	254931	36.993	ng		97
46) 1,1'-Biphenyl	13.50	154	719337	32.673	ng		97
47) 2-Chloronaphthalene	13.55	162	582589	31.750	ng		98
48) 2-Nitroaniline	13.73	65	181523	33.978	ng		96
49) Acenaphthylene	14.39	152	925928	32.325	ng		98
50) Dimethylphthalate	14.12	163	979521	42.439	ng		100
51) 2,6-Dinitrotoluene	14.23	165	172723	35.281	ng		93
52) Acenaphthene	14.73	154	561548	31.108	ng		97
53) 3-Nitroaniline	14.55	138	159258	29.800	ng		94
54) 2,4-Dinitrophenol	14.76	184	47121	24.934	ng		93
55) Dibenzofuran	15.06	168	900462	33.242	ng		95
56) 4-Nitrophenol	14.86	139	319939	73.944	ng		96
57) 2,4-Dinitrotoluene	15.01	165	241299	37.287	ng		98
58) Fluorene	15.71	166	724352	32.864	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	241919	38.026	ng	#	97
60) Diethylphthalate	15.47	149	742814	31.947	ng		98
61) 4-Chlorophenyl-phenylether	15.70	204	406239	32.606	ng		97
62) 4-Nitroaniline	15.71	138	197284	34.807	ng		96
63) Azobenzene	15.99	77	648720	30.860	ng		98
65) 4,6-Dinitro-2-methylphenol	15.77	198	99692	32.165	ng		93
66) n-Nitrosodiphenylamine	15.91	169	683912	32.834	ng		98
67) 4-Bromophenyl-phenylether	16.59	248	272751	32.318	ng		99
68) Hexachlorobenzene	16.71	284	272637	32.080	ng		97
69) Atrazine	16.85	200	271868	35.967	ng		99
70) Pentachlorophenol	17.05	266	345181	64.959	ng		98
71) Phenanthrene	17.44	178	1171419	32.795	ng		96
72) Anthracene	17.54	178	1216248	34.159	ng		96
73) Carbazole	17.79	167	1119585	33.905	ng		96
74) Di-n-butylphthalate	18.36	149	1295008	32.154	ng		97
75) Fluoranthene	19.44	202	1470166	33.519	ng		94
77) Benzidine	19.62	184	549871	19.076	ng		97
78) Pyrene	19.80	202	1472671	30.812	ng		94
80) Butylbenzylphthalate	20.69	149	622829	31.360	ng		93
81) Benzo(a)anthracene	21.63	228	1434116	31.409	ng		96
82) 3,3'-Dichlorobenzidine	21.54	252	506007	28.163	ng		97
83) Chrysene	21.70	228	1390604	31.873	ng		95
84) Bis(2-ethylhexyl)phthalate	21.55	149	864929	30.844	ng		97
85) Di-n-octyl phthalate	22.76	149	1512482	31.672	ng		95
86) Indeno(1,2,3-cd)pyrene	28.49	276	1805587	31.365	ng		98
88) Benzo(b)fluoranthene	23.83	252	1554191	31.458	ng		97
89) Benzo(k)fluoranthene	23.90	252	1536154	33.555	ng		97
90) Benzo(a)pyrene	24.69	252	1542790	33.005	ng		97
91) Dibenzo(a,h)anthracene	28.56	278	1475700	32.560	ng		97
92) Benzo(g,h,i)perylene	29.62	276	1482249	32.635	ng		98

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

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