Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070219\
Data File : BG041568.D
Acq On : 2 Jul 2019 12:06
Operator : HP/JU
Sample : K3519-07MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-19-LF2MW2MSD

Manual Integrations APPROVED
mohammad
7/3/2019 10:55:21 PM

Quant Time: Jul 03 07:37:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:25:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	28102	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	101411	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	69643	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	182838	20.00	ng		0.00
76) Chrysene-d12	21.70	240	208208	20.00	ng		0.00
87) Perylene-d12	24.99	264	226792	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	103615	65.74	ng		0.00
7) Phenol-d6	7.19	99	89047	40.13	ng		0.00
23) Nitrobenzene-d5	9.22	82	226733	93.25	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	184096	154.82	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	529098	97.49	ng		0.00
79) Terphenyl-d14	20.03	244	1026333	104.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	10824	15.170	ng	#	89
3) Pyridine	3.83	79	21926	12.112	ng		95
4) n-Nitrosodimethylamine	3.75	42	16890	16.766	ng	#	81
6) Aniline	7.35	93	41135	14.382	ng		97
8) 2-Chlorophenol	7.59	128	66312	37.512	ng		98
9) Benzaldehyde	7.17	77	60182	44.911	ng		98
10) Phenol	7.22	94	30350	13.571	ng		94
11) bis(2-Chloroethyl)ether	7.45	93	71015	40.043	ng		93
12) 1,3-Dichlorobenzene	7.92	146	71727	31.366	ng		95
13) 1,4-Dichlorobenzene	8.06	146	75718	32.845	ng		98
14) 1,2-Dichlorobenzene	8.38	146	71248	32.280	ng		98
15) Benzyl Alcohol	8.28	79	41470	23.468	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	87831	35.267	ng		97
17) 2-Methylphenol	8.48	107	47896	29.422	ng		98
18) Hexachloroethane	9.11	117	27327	30.043	ng		91
19) n-Nitroso-di-n-propylamine	8.83	70	65051	39.303	ng		95
20) 3+4-Methylphenols	8.81	107	56697	26.131	ng		96
22) Acetophenone	8.86	105	132971	43.713	ng		98
24) Nitrobenzene	9.26	77	104396	42.774	ng		97
25) Isophorone	9.77	82	184810	42.334	ng		99
26) 2-Nitrophenol	9.97	139	48244	47.332	ng		97
27) 2,4-Dimethylphenol	10.02	122	62314	43.927	ng		96
28) bis(2-Chloroethoxy)methane	10.25	93	96735	41.905	ng		100
29) 2,4-Dichlorophenol	10.50	162	88031	45.943	ng		98
30) 1,2,4-Trichlorobenzene	10.71	180	91773	37.369	ng		94
31) Naphthalene	10.90	128	223891	39.921	ng		97
33) 4-Chloroaniline	11.03	127	46651	19.761	ng		97
34) Hexachlorobutadiene	11.16	225	64160	32.912	ng		92
35) Caprolactam	11.82	113	3723	6.223	ng	#	77
36) 4-Chloro-3-methylphenol	12.14	107	82461	39.719	ng		99
37) 2-Methylnaphthalene	12.51	142	175705	42.407	ng		98
38) 1-Methylnaphthalene	12.72	142	161773	40.926	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	136207	44.416	ng		99
41) Hexachlorocyclopentadiene	12.83	237	138686	83.201	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	13.12	196	88494	48.638	ng		100
44) 2,4,5-Trichlorophenol	13.19	196	94697	52.243	ng		96
46) 1,1'-Biphenyl	13.51	154	248328	45.171	ng		96
47) 2-Chloronaphthalene	13.56	162	201849	42.766	ng		99
48) 2-Nitroaniline	13.78	65	66992	41.871	ng		93
49) Acenaphthylene	14.40	152	319099	45.232	ng		99
50) Dimethylphthalate	14.13	163	291146	45.939	ng		99
51) 2,6-Dinitrotoluene	14.26	165	61281	45.564	ng		94
52) Acenaphthene	14.74	154	188938	45.163	ng		98
53) 3-Nitroaniline	14.60	138	26563	20.688	ng	#	87
54) 2,4-Dinitrophenol	14.82	184	25118	33.330	ng		91
55) Dibenzofuran	15.07	168	333939	45.852	ng		99
56) 4-Nitrophenol	14.92	139	27881	33.648	ng		98
57) 2,4-Dinitrotoluene	15.05	165	87242	44.713	ng		98
58) Fluorene	15.73	166	265787	45.873	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	102675m	53.731	ng		
60) Diethylphthalate	15.48	149	281001	43.316	ng		98
61) 4-Chlorophenyl-phenylether	15.71	204	168779	45.162	ng		97
62) 4-Nitroaniline	15.77	138	50953	40.719	ng		96
63) Azobenzene	16.00	77	243231	44.470	ng		98
65) 4,6-Dinitro-2-methylphenol	15.81	198	48453	42.789	ng		97
66) n-Nitrosodiphenylamine	15.93	169	236555	47.009	ng		99
67) 4-Bromophenyl-phenylether	16.61	248	113724	45.516	ng		95
68) Hexachlorobenzene	16.72	284	119559	44.412	ng		98
69) Atrazine	16.87	200	106276	49.894	ng		97
70) Pentachlorophenol	17.08	266	80183	65.735	ng		94
71) Phenanthrene	17.47	178	465313	46.191	ng		99
72) Anthracene	17.56	178	475566	47.182	ng		99
73) Carbazole	17.84	167	410516	47.910	ng		99
74) Di-n-butylphthalate	18.36	149	485779	45.108	ng		99
75) Fluoranthene	19.47	202	635288	47.301	ng		97
77) Benzidine	19.66	184	152968	33.112	ng		97
78) Pyrene	19.84	202	649634	45.705	ng		99
80) Butylbenzylphthalate	20.70	149	236542	44.561	ng		98
81) Benzo(a)anthracene	21.68	228	657390	45.415	ng		98
82) 3,3'-Dichlorobenzidine	21.60	252	143156	28.560	ng		97
83) Chrysene	21.75	228	646843	46.165	ng		100
84) Bis(2-ethylhexyl)phthalate	21.54	149	334073	44.392	ng		99
85) Di-n-octyl phthalate	22.77	149	570926	44.831	ng		98
86) Indeno(1,2,3-cd)pyrene	28.78	276	788751	46.489	ng		99
88) Benzo(b)fluoranthene	23.93	252	667115	46.118	ng		99
89) Benzo(k)fluoranthene	24.00	252	661283	46.563	ng		99
90) Benzo(a)pyrene	24.83	252	647338	47.118	ng		97
91) Dibenzo(a,h)anthracene	28.83	278	653341	47.468	ng		99
92) Benzo(g,h,i)perylene	29.97	276	653658	47.765	ng		98

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

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