Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062419\
Data File : BG041442.D
Acq On : 25 Jun 2019 4:11
Operator : HP/JU
Sample : K3500-02MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-2(9-10)MSD

Manual Integrations APPROVED
mohammad
6/28/2019 8:24:41 AM

Quant Time: Jun 25 06:55:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 14:58:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	30909	20.00	ng		-0.04
21) Naphthalene-d8	10.87	136	124740	20.00	ng		-0.04
39) Acenaphthene-d10	14.69	164	88859	20.00	ng		-0.03
64) Phenanthrene-d10	17.43	188	216921	20.00	ng		-0.03
76) Chrysene-d12	21.71	240	213194	20.00	ng		-0.03
87) Perylene-d12	24.99	264	166201	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	168686	100.28	ng		-0.04
7) Phenol-d6	7.20	99	262468	107.64	ng		-0.03
23) Nitrobenzene-d5	9.22	82	189542	63.90	ng		-0.04
42) 2,4,6-Tribromophenol	16.18	330	141580	103.78	ng		-0.03
45) 2-Fluorobiphenyl	13.31	172	454279	69.48	ng		-0.03
79) Terphenyl-d14	20.03	244	756003	70.28	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	16371	19.408	ng		97
3) Pyridine	3.84	79	22359	9.992	ng		95
4) n-Nitrosodimethylamine	3.76	42	29393	24.630	ng	#	89
6) Aniline	7.37	93	19316	5.699	ng		95
8) 2-Chlorophenol	7.61	128	64368	32.565	ng		92
9) Benzaldehyde	7.18	77	50478	32.366	ng		98
10) Phenol	7.23	94	84054	32.056	ng		94
11) bis(2-Chloroethyl)ether	7.46	93	56036	28.165	ng		95
12) 1,3-Dichlorobenzene	7.93	146	69500	28.082	ng		92
13) 1,4-Dichlorobenzene	8.08	146	69525	27.501	ng		91
14) 1,2-Dichlorobenzene	8.40	146	70299	29.113	ng		95
15) Benzyl Alcohol	8.29	79	64340	27.540	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.56	45	76788	23.577	ng		97
17) 2-Methylphenol	8.49	107	58448	31.179	ng		98
18) Hexachloroethane	9.12	117	24823	24.778	ng		94
19) n-Nitroso-di-n-propylamine	8.85	70	54156	27.461	ng		98
20) 3+4-Methylphenols	8.82	107	80069	32.085	ng		93
22) Acetophenone	8.88	105	106692	29.392	ng		96
24) Nitrobenzene	9.27	77	90876	30.464	ng		94
25) Isophorone	9.78	82	155401	28.558	ng		96
26) 2-Nitrophenol	9.98	139	36904	30.515	ng		99
27) 2,4-Dimethylphenol	10.03	122	64635	35.655	ng		95
28) bis(2-Chloroethoxy)methane	10.26	93	81639	28.794	ng		95
29) 2,4-Dichlorophenol	10.52	162	77629	34.537	ng		95
30) 1,2,4-Trichlorobenzene	10.72	180	89784	31.189	ng		99
31) Naphthalene	10.92	128	211774	31.238	ng		99
32) Benzoic acid	10.15	122	17977m	15.234	ng		
33) 4-Chloroaniline	11.04	127	22521	7.822	ng		92
34) Hexachlorobutadiene	11.17	225	64018	28.016	ng		99
35) Caprolactam	11.82	113	22511m	29.091	ng		
36) 4-Chloro-3-methylphenol	12.15	107	81404	31.354	ng		97
37) 2-Methylnaphthalene	12.52	142	158995	31.842	ng		97
38) 1-Methylnaphthalene	12.74	142	151249	31.660	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	121619	33.145	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	58374	23.618	ng		98
43) 2,4,6-Trichlorophenol	13.12	196	74476	32.811	ng		99
44) 2,4,5-Trichlorophenol	13.21	196	77523	33.193	ng		95
46) 1,1'-Biphenyl	13.52	154	213090	31.721	ng		99
47) 2-Chloronaphthalene	13.57	162	182043	31.476	ng		100
48) 2-Nitroaniline	13.78	65	61772	29.163	ng		98
49) Acenaphthylene	14.41	152	281403	32.064	ng		99
50) Dimethylphthalate	14.14	163	300020	37.947	ng		100
51) 2,6-Dinitrotoluene	14.27	165	50473	30.276	ng		90
52) Acenaphthene	14.75	154	162341	31.501	ng		98
53) 3-Nitroaniline	14.61	138	30030	18.283	ng	#	94
54) 2,4-Dinitrophenol	14.82	184	17215	18.337	ng		96
55) Dibenzofuran	15.08	168	285475	31.860	ng		99
56) 4-Nitrophenol	14.92	139	73355	59.642	ng		94
57) 2,4-Dinitrotoluene	15.06	165	66669	27.358	ng		98
58) Fluorene	15.73	166	221523	31.428	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	79355	32.857	ng	#	99
60) Diethylphthalate	15.49	149	234107	29.132	ng		99
61) 4-Chlorophenyl-phenylether	15.72	204	139865	30.498	ng		98
62) 4-Nitroaniline	15.77	138	43712	24.883	ng		99
63) Azobenzene	16.01	77	210646	29.382	ng		98
65) 4,6-Dinitro-2-methylphenol	15.82	198	18814	13.362	ng		93
66) n-Nitrosodiphenylamine	15.94	169	194858	33.831	ng		99
67) 4-Bromophenyl-phenylether	16.61	248	91225	32.524	ng		91
68) Hexachlorobenzene	16.73	284	94096	31.328	ng		94
69) Atrazine	16.88	200	81061	36.250	ng		95
70) Pentachlorophenol	17.08	266	105084	68.326	ng		100
71) Phenanthrene	17.48	178	371430	32.105	ng		98
72) Anthracene	17.57	178	375721	32.942	ng		99
73) Carbazole	17.84	167	320908	32.163	ng		99
74) Di-n-butylphthalate	18.37	149	381391	30.635	ng		98
75) Fluoranthene	19.48	202	478541	31.135	ng		99
77) Benzidine	19.67	184	67247	13.041	ng		97
78) Pyrene	19.85	202	486333	33.825	ng		100
80) Butylbenzylphthalate	20.71	149	173075	31.825	ng		97
81) Benzo(a)anthracene	21.69	228	452077	31.318	ng		97
82) 3,3'-Dichlorobenzidine	21.60	252	112266	22.155	ng		96
83) Chrysene	21.75	228	481123	34.658	ng		98
84) Bis(2-ethylhexyl)phthalate	21.55	149	247105	33.341	ng		96
85) Di-n-octyl phthalate	22.77	149	414954	33.093	ng		97
86) Indeno(1,2,3-cd)pyrene	28.78	276	308135	18.709	ng	#	95
88) Benzo(b)fluoranthene	23.94	252	335852	32.607	ng		98
89) Benzo(k)fluoranthene	24.01	252	384364	37.669	ng		99
90) Benzo(a)pyrene	24.83	252	342836	35.244	ng		99
91) Dibenzo(a,h)anthracene	28.83	278	243361	24.850	ng		99
92) Benzo(g,h,i)perylene	29.95	276	199351	20.598	ng	#	96

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

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