Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021819\
Data File : BG039542.D
Acq On : 18 Feb 2019 16:47
Operator : JU/SJ
Sample : K1508-07MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : M-12-DMS

Manual Integrations APPROVED
Sohil
2/19/2019 9:57:16 AM

Quant Time: Feb 19 00:54:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	54811	20.00	ng		-0.01
21) Naphthalene-d8	10.99	136	256130	20.00	ng		-0.02
39) Acenaphthene-d10	14.80	164	178830	20.00	ng		-0.01
64) Phenanthrene-d10	17.54	188	419399	20.00	ng		-0.01
76) Chrysene-d12	21.83	240	411562	20.00	ng		-0.02
87) Perylene-d12	25.20	264	425040	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	282545	88.23	ng		0.00
7) Phenol-d6	7.32	99	435643	92.42	ng		0.00
23) Nitrobenzene-d5	9.34	82	252921	61.69	ng		-0.02
42) 2,4,6-Tribromophenol	16.28	330	170504	88.54	ng		-0.01
45) 2-Fluorobiphenyl	13.42	172	649457	52.10	ng		-0.01
79) Terphenyl-d14	20.13	244	1006972	51.79	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	27932	19.939	ng		94
3) Pyridine	4.00	79	58252	15.706	ng		96
4) n-Nitrosodimethylamine	3.93	42	45403	24.478	ng		81
6) Aniline	7.49	93	143874	24.366	ng		98
8) 2-Chlorophenol	7.73	128	98369	28.100	ng		97
9) Benzaldehyde	7.31	77	69275	26.650	ng		94
10) Phenol	7.34	94	150477	30.622	ng		96
11) bis(2-Chloroethyl)ether	7.59	93	96385	24.823	ng		97
12) 1,3-Dichlorobenzene	8.06	146	100339	23.661	ng		95
13) 1,4-Dichlorobenzene	8.20	146	101771	24.077	ng		97
14) 1,2-Dichlorobenzene	8.52	146	99619	24.346	ng		97
15) Benzyl Alcohol	8.40	79	97883	26.449	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.69	45	187784	21.415	ng		97
17) 2-Methylphenol	8.60	107	86684	27.259	ng		96
18) Hexachloroethane	9.25	117	35040	24.096	ng		90
19) n-Nitroso-di-n-propylamine	8.97	70	81946	24.492	ng		91
20) 3+4-Methylphenols	8.93	107	123850	28.283	ng		98
22) Acetophenone	9.00	105	153390	22.295	ng	#	96
24) Nitrobenzene	9.39	77	120067	27.107	ng		99
25) Isophorone	9.90	82	231487	25.479	ng		97
26) 2-Nitrophenol	10.10	139	58591	36.951	ng		96
27) 2,4-Dimethylphenol	10.14	122	104063	28.314	ng		99
28) bis(2-Chloroethoxy)methane	10.38	93	141614	25.306	ng		99
29) 2,4-Dichlorophenol	10.63	162	113121	28.162	ng		94
30) 1,2,4-Trichlorobenzene	10.85	180	111892	24.811	ng		98
31) Naphthalene	11.04	128	329711	25.948	ng		99
32) Benzoic acid	10.20	122	12588m	13.268	ng		
33) 4-Chloroaniline	11.15	127	140987	23.930	ng		96
34) Hexachlorobutadiene	11.31	225	70428	23.483	ng		96
35) Caprolactam	11.92	113	33602	20.215	ng	#	77
36) 4-Chloro-3-methylphenol	12.25	107	124170	26.729	ng		98
37) 2-Methylnaphthalene	12.63	142	256081	27.211	ng		96
38) 1-Methylnaphthalene	12.85	142	243223	26.811	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	138856	24.404	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	163975	52.887	ng		97
43) 2,4,6-Trichlorophenol	13.23	196	94849	27.112	ng		96
44) 2,4,5-Trichlorophenol	13.30	196	104411	28.476	ng		99
46) 1,1'-Biphenyl	13.63	154	343071	23.057	ng		99
47) 2-Chloronaphthalene	13.68	162	265527	23.722	ng		97
48) 2-Nitroaniline	13.88	65	89868	31.415	ng		94
49) Acenaphthylene	14.52	152	439428	26.018	ng		98
50) Dimethylphthalate	14.24	163	395293	27.369	ng		100
51) 2,6-Dinitrotoluene	14.37	165	79971	32.137	ng		93
52) Acenaphthene	14.86	154	260097	23.724	ng		99
53) 3-Nitroaniline	14.70	138	74986	28.431	ng	#	93
54) 2,4-Dinitrophenol	14.90	184	49178	50.467	ng		95
55) Dibenzofuran	15.19	168	440082	25.036	ng		98
56) 4-Nitrophenol	15.00	139	120655	48.650	ng		90
57) 2,4-Dinitrotoluene	15.15	165	110568	34.590	ng		89
58) Fluorene	15.84	166	345537	26.369	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.41	232	102601	29.886	ng		96
60) Diethylphthalate	15.59	149	354699	23.753	ng		97
61) 4-Chlorophenyl-phenylether	15.82	204	181494	24.461	ng		95
62) 4-Nitroaniline	15.86	138	81949	28.891	ng		93
63) Azobenzene	16.12	77	322981	22.129	ng		96
65) 4,6-Dinitro-2-methylphenol	15.91	198	50449	34.711	ng		96
66) n-Nitrosodiphenylamine	16.04	169	311743	24.446	ng		98
67) 4-Bromophenyl-phenylether	16.72	248	117026	25.152	ng		96
68) Hexachlorobenzene	16.83	284	119023	25.497	ng		96
69) Atrazine	16.97	200	112884	24.223	ng		96
70) Pentachlorophenol	17.17	266	136972	42.218	ng		99
71) Phenanthrene	17.58	178	565675	26.060	ng		100
72) Anthracene	17.67	178	574224	26.856	ng		100
73) Carbazole	17.94	167	492028	23.059	ng		98
74) Di-n-butylphthalate	18.47	149	600991	24.142	ng		99
75) Fluoranthene	19.58	202	658235	26.126	ng		99
77) Benzidine	19.76	184	102660	7.608	ng		98
78) Pyrene	19.94	202	665494	25.975	ng		99
80) Butylbenzylphthalate	20.81	149	272292	25.194	ng		93
81) Benzo(a)anthracene	21.80	228	645942	26.561	ng		99
82) 3,3'-Dichlorobenzidine	21.72	252	200727	22.260	ng		96
83) Chrysene	21.88	228	595751	25.734	ng		97
84) Bis(2-ethylhexyl)phthalate	21.67	149	385150	24.979	ng		99
85) Di-n-octyl phthalate	22.94	149	656383	25.767	ng		95
86) Indeno(1,2,3-cd)pyrene	29.09	276	643720	25.917	ng		98
88) Benzo(b)fluoranthene	24.12	252	614508m	26.510	ng		
89) Benzo(k)fluoranthene	24.19	252	589906	25.348	ng		98
90) Benzo(a)pyrene	25.05	252	593329	26.578	ng		99
91) Dibenzo(a,h)anthracene	29.16	278	505219	24.166	ng		97
92) Benzo(g,h,i)perylene	30.32	276	518457	24.881	ng		97

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

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