Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010719\
Data File : BG038979.D
Acq On : 7 Jan 2019 23:07
Operator : JU/SJ
Sample : K1012-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-02-010419-AMSD

Manual Integrations APPROVED
Sohil
1/8/2019 4:49:18 PM

Quant Time: Jan 08 05:16:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	30348	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	115378	20.00	ng		-0.02
39) Acenaphthene-d10	14.68	164	79230	20.00	ng		-0.02
64) Phenanthrene-d10	17.43	188	191727	20.00	ng		0.00
76) Chrysene-d12	21.72	240	186166	20.00	ng		0.00
87) Perylene-d12	25.01	264	202162	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	203587	118.98	ng		0.00
7) Phenol-d6	7.22	99	266220	113.34	ng		0.00
23) Nitrobenzene-d5	9.23	82	187045	82.82	ng		-0.02
42) 2,4,6-Tribromophenol	16.18	330	173252	158.67	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	503123	87.11	ng		-0.02
79) Terphenyl-d14	20.04	244	876504	102.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	21204	26.627	ng	#	21
3) Pyridine	3.91	79	55418	25.276	ng		94
4) n-Nitrosodimethylamine	3.81	42	37839	35.222	ng		85
6) Aniline	7.38	93	17598	5.869	ng	#	95
8) 2-Chlorophenol	7.62	128	80984	40.899	ng		93
9) Benzaldehyde	7.19	77	24293	15.942	ng		97
10) Phenol	7.24	94	88288	35.379	ng		98
11) bis(2-Chloroethyl)ether	7.47	93	67824	34.137	ng		91
12) 1,3-Dichlorobenzene	7.93	146	85556	36.544	ng		98
13) 1,4-Dichlorobenzene	8.08	146	89212	37.206	ng		97
14) 1,2-Dichlorobenzene	8.40	146	85752	37.935	ng		99
15) Benzyl Alcohol	8.29	79	72187	39.373	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.57	45	141551	31.101	ng		96
17) 2-Methylphenol	8.49	107	67991	40.666	ng		98
18) Hexachloroethane	9.13	117	31098	35.493	ng		87
19) n-Nitroso-di-n-propylamine	8.86	70	57929	35.114	ng		94
20) 3+4-Methylphenols	8.83	107	94812	41.061	ng		96
22) Acetophenone	8.88	105	119367	41.420	ng	#	96
24) Nitrobenzene	9.27	77	90210	39.484	ng		99
25) Isophorone	9.78	82	164033	40.424	ng		98
26) 2-Nitrophenol	9.98	139	48316	41.318	ng		99
27) 2,4-Dimethylphenol	10.03	122	80584	48.084	ng		96
28) bis(2-Chloroethoxy)methane	10.26	93	95378	41.651	ng		98
29) 2,4-Dichlorophenol	10.51	162	91446	49.048	ng		96
30) 1,2,4-Trichlorobenzene	10.72	180	99704	44.273	ng		97
31) Naphthalene	10.92	128	259866	45.713	ng		99
32) Benzoic acid	10.19	122	48900m	46.374	ng		
33) 4-Chloroaniline	11.04	127	4412	1.788	ng	#	92
34) Hexachlorobutadiene	11.18	225	66988	43.960	ng		96
35) Caprolactam	11.83	113	24980m	32.376	ng		
36) 4-Chloro-3-methylphenol	12.15	107	93818	44.096	ng		90
37) 2-Methylnaphthalene	12.52	142	196708	48.503	ng		99
38) 1-Methylnaphthalene	12.73	142	190795	48.481	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	123483	41.695	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	148075	91.006	ng		97
43) 2,4,6-Trichlorophenol	13.13	196	86249	47.364	ng		98
44) 2,4,5-Trichlorophenol	13.20	196	91253	47.331	ng		97
46) 1,1'-Biphenyl	13.52	154	262574	39.532	ng		99
47) 2-Chloronaphthalene	13.57	162	214792	41.865	ng		99
48) 2-Nitroaniline	13.78	65	60547	37.049	ng		88
49) Acenaphthylene	14.41	152	343683	44.808	ng		99
50) Dimethylphthalate	14.14	163	278232	43.002	ng		100
51) 2,6-Dinitrotoluene	14.27	165	62388	42.549	ng		88
52) Acenaphthene	14.75	154	199868	43.578	ng		98
53) 3-Nitroaniline	14.61	138	3176	2.125	ng	#	92
54) 2,4-Dinitrophenol	14.82	184	83749	94.959	ng		97
55) Dibenzofuran	15.08	168	336467	42.797	ng		97
56) 4-Nitrophenol	14.92	139	85033	74.992	ng		95
57) 2,4-Dinitrotoluene	15.06	165	88934	43.064	ng		94
58) Fluorene	15.73	166	270253	46.398	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	87749	50.588	ng		93
60) Diethylphthalate	15.49	149	281395	39.617	ng		97
61) 4-Chlorophenyl-phenylether	15.72	204	154987	42.647	ng		96
62) 4-Nitroaniline	15.77	138	45779	29.750	ng		97
63) Azobenzene	16.01	77	225354	37.979	ng		96
65) 4,6-Dinitro-2-methylphenol	15.82	198	59665	43.625	ng		91
66) n-Nitrosodiphenylamine	15.94	169	242578	43.061	ng		99
67) 4-Bromophenyl-phenylether	16.62	248	103479	44.193	ng		94
68) Hexachlorobenzene	16.73	284	111034	45.744	ng		97
69) Atrazine	16.88	200	92775	44.377	ng		97
70) Pentachlorophenol	17.08	266	125101	87.136	ng		95
71) Phenanthrene	17.48	178	460868	46.354	ng		99
72) Anthracene	17.57	178	465982	47.476	ng		99
73) Carbazole	17.84	167	401507	41.363	ng		99
74) Di-n-butylphthalate	18.37	149	471860	42.364	ng		99
75) Fluoranthene	19.48	202	548203	44.564	ng		98
77) Benzidine	19.69	184	50448m	9.163	ng		
78) Pyrene	19.85	202	553018	44.966	ng		99
80) Butylbenzylphthalate	20.71	149	207390	43.162	ng		97
81) Benzo(a)anthracene	21.69	228	532758	46.964	ng		98
82) 3,3'-Dichlorobenzidine	21.61	252	42615	9.472	ng		97
83) Chrysene	21.76	228	492250	45.051	ng		99
84) Bis(2-ethylhexyl)phthalate	21.56	149	290386	42.612	ng		97
85) Di-n-octyl phthalate	22.78	149	494898	43.363	ng		97
86) Indeno(1,2,3-cd)pyrene	28.78	276	595360	46.346	ng	#	71
88) Benzo(b)fluoranthene	23.95	252	521534	46.987	ng		99
89) Benzo(k)fluoranthene	24.02	252	518606	46.921	ng		97
90) Benzo(a)pyrene	24.85	252	509237	47.556	ng	#	98
91) Dibenzo(a,h)anthracene	28.84	278	495337	46.459	ng		99
92) Benzo(g,h,i)perylene	29.98	276	492503	46.873	ng	#	97

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

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