Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022719\
Data File : BG039644.D
Acq On : 27 Feb 2019 21:16
Operator : JU/SJ
Sample : K1348-08MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OK-02-022519MSD

Manual Integrations APPROVED
Sohil
2/28/2019 1:32:10 PM

Quant Time: Feb 28 01:31:16 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	57321	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	229536	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	148676	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	350594	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	371664	20.00	ng	-0.02
87) Perylene-d12	25.21	264	377936	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	475775	142.06	ng	0.00
7) Phenol-d6	7.32	99	607326	123.19	ng	0.00
23) Nitrobenzene-d5	9.35	82	440811	119.97	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	267438	167.05	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	983397	94.89	ng	-0.02
79) Terphenyl-d14	20.12	244	1557973	88.73	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.61	88	53150	36.280	ng	# 28
3) Pyridine	4.02	79	124395	32.071	ng	96
4) n-Nitrosodimethylamine	3.93	42	78062	40.242	ng	86
6) Aniline	7.49	93	64541	10.452	ng	99
8) 2-Chlorophenol	7.73	128	169253	46.232	ng	97
9) Benzaldehyde	7.31	77	126344	58.552	ng	90
10) Phenol	7.34	94	193077	37.571	ng	97
11) bis(2-Chloroethyl)ether	7.58	93	168537	41.504	ng	97
12) 1,3-Dichlorobenzene	8.05	146	185636	41.858	ng	96
13) 1,4-Dichlorobenzene	8.21	146	185875	42.049	ng	98
14) 1,2-Dichlorobenzene	8.52	146	180718	42.231	ng	100
15) Benzyl Alcohol	8.41	79	159479	41.205	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.69	45	317162	34.586	ng	99
17) 2-Methylphenol	8.60	107	143808	43.243	ng	99
18) Hexachloroethane	9.25	117	65552	43.104	ng	96
19) n-Nitroso-di-n-propylamine	8.97	70	137285	39.235	ng	92
20) 3+4-Methylphenols	8.93	107	195154	42.614	ng	97
22) Acetophenone	9.00	105	259087	42.021	ng	# 93
24) Nitrobenzene	9.39	77	200265	50.452	ng	98
25) Isophorone	9.90	82	379740	46.639	ng	98
26) 2-Nitrophenol	10.10	139	100407	59.786	ng	97
27) 2,4-Dimethylphenol	10.14	122	168613	51.193	ng	97
28) bis(2-Chloroethoxy)methane	10.39	93	231817	46.224	ng	98
29) 2,4-Dichlorophenol	10.63	162	182941	50.820	ng	94
30) 1,2,4-Trichlorobenzene	10.84	180	186279	46.092	ng	99
31) Naphthalene	11.04	128	541622	47.564	ng	99
32) Benzoic acid	10.23	122	28697	19.826	ng	92
33) 4-Chloroaniline	11.15	127	13623	2.580	ng	95
34) Hexachlorobutadiene	11.30	225	121188	45.090	ng	94
35) Caprolactam	11.93	113	45298m	30.409	ng	
36) 4-Chloro-3-methylphenol	12.25	107	189055	45.412	ng	98
37) 2-Methylnaphthalene	12.63	142	393038	46.602	ng	98
38) 1-Methylnaphthalene	12.85	142	379373	46.664	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	220056	46.519	ng	99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	261271	101.359	ng		99
43) 2,4,6-Trichlorophenol	13.23	196	148834	51.172	ng		97
44) 2,4,5-Trichlorophenol	13.30	196	157465	51.655	ng		96
46) 1,1'-Biphenyl	13.63	154	526870	42.592	ng		99
47) 2-Chloronaphthalene	13.67	162	408515	43.899	ng		98
48) 2-Nitroaniline	13.88	65	136499	50.532	ng		97
49) Acenaphthylene	14.52	152	656583	46.759	ng		99
50) Dimethylphthalate	14.24	163	525446	43.759	ng		100
51) 2,6-Dinitrotoluene	14.37	165	117892	51.913	ng		97
52) Acenaphthene	14.86	154	400745	43.967	ng		99
53) 3-Nitroaniline	14.70	138	14004	10.878	ng	#	98
54) 2,4-Dinitrophenol	14.90	184	38507	48.335	ng		97
55) Dibenzofuran	15.19	168	637902	43.650	ng		100
56) 4-Nitrophenol	15.00	139	163257	75.544	ng	#	84
57) 2,4-Dinitrotoluene	15.15	165	166641	56.344	ng	#	87
58) Fluorene	15.84	166	503036	46.175	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	153810	53.889	ng		98
60) Diethylphthalate	15.59	149	521587	42.012	ng		99
61) 4-Chlorophenyl-phenylether	15.82	204	264299	42.846	ng		95
62) 4-Nitroaniline	15.87	138	117876	46.918	ng		92
63) Azobenzene	16.11	77	472848	38.967	ng		97
65) 4,6-Dinitro-2-methylphenol	15.91	198	50315	39.417	ng		99
66) n-Nitrosodiphenylamine	16.04	169	461246	43.267	ng		99
67) 4-Bromophenyl-phenylether	16.72	248	175685	45.170	ng		97
68) Hexachlorobenzene	16.83	284	179033	45.879	ng		96
69) Atrazine	16.98	200	167631	43.029	ng		98
70) Pentachlorophenol	17.18	266	167865	61.893	ng		98
71) Phenanthrene	17.58	178	842436	46.426	ng		99
72) Anthracene	17.67	178	843250	47.179	ng		98
73) Carbazole	17.94	167	760121	42.614	ng		99
74) Di-n-butylphthalate	18.47	149	913659	43.905	ng		99
75) Fluoranthene	19.58	202	1035322	49.157	ng		100
77) Benzidine	19.76	184	38483	3.158	ng		97
78) Pyrene	19.94	202	1039948	44.947	ng		98
80) Butylbenzylphthalate	20.81	149	449320	46.036	ng		94
81) Benzo(a)anthracene	21.80	228	1041085	47.405	ng		99
82) 3,3'-Dichlorobenzidine	21.72	252	75407	9.260	ng		99
83) Chrysene	21.88	228	968382	46.321	ng		99
84) Bis(2-ethylhexyl)phthalate	21.67	149	621843	44.659	ng		99
85) Di-n-octyl phthalate	22.93	149	1050677	45.674	ng		96
86) Indeno(1,2,3-cd)pyrene	29.09	276	1158518	51.650	ng		97
88) Benzo(b)fluoranthene	24.12	252	1004049	48.714	ng		97
89) Benzo(k)fluoranthene	24.20	252	989973	47.841	ng		99
90) Benzo(a)pyrene	25.05	252	986629	49.704	ng		99
91) Dibenzo(a,h)anthracene	29.16	278	937943	50.456	ng		99
92) Benzo(g,h,i)perylene	30.32	276	952405	51.402	ng		96

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

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